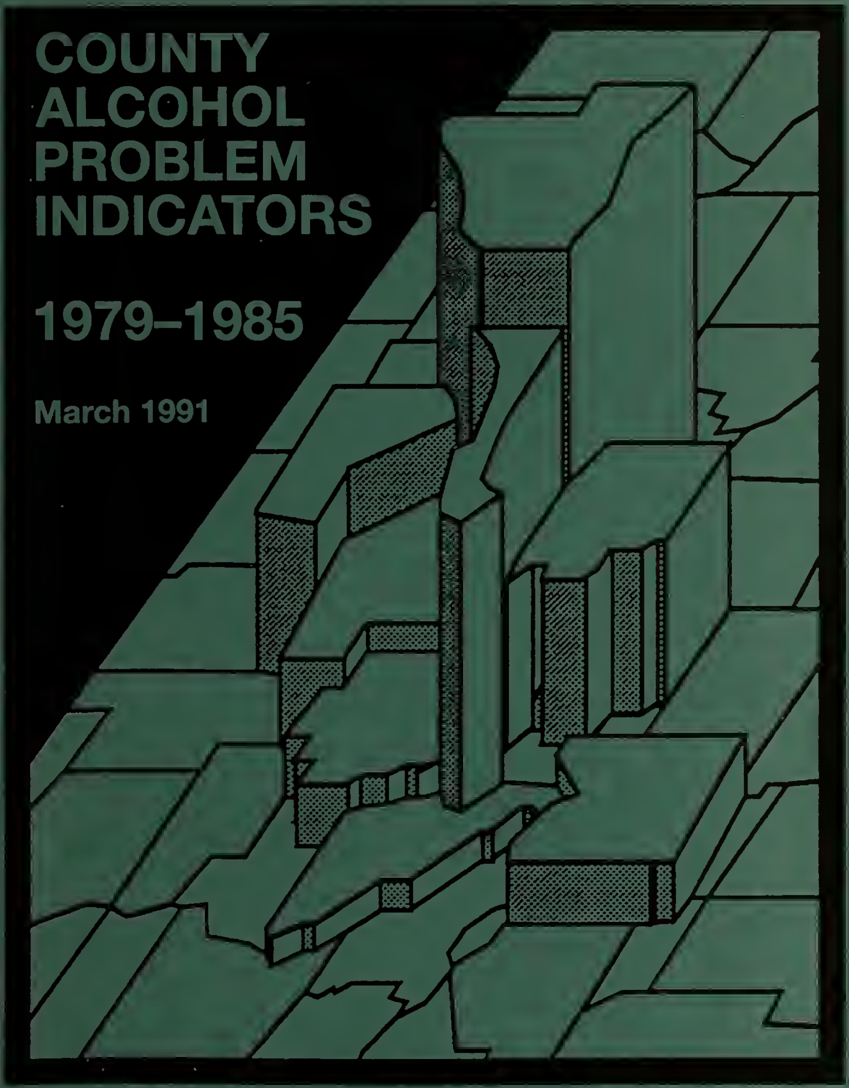
Alcohol Epidemiologic Data System (AEDS) • National Institute on Alcohol Abuse and Alcoholism

U.S. Alcohol Epidemiologic Data Reference Manual
Volume 3, Third Edition

COUNTY ALCOHOL PROBLEM INDICATORS

1979–1985

March 1991



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Public Health Service
Alcohol, Drug Abuse, and Mental Health Administration

U.S. Alcohol Epidemiologic
Data Reference Manual
Volume 3, Third Edition

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FOREWORD

The Alcohol Epidemiologic Data Reference Manual (AEDRM) is a four-part series which provides extensive data useful to researchers, planners, and other professionals interested in the area of alcohol abuse, associated illnesses, and mortality. It is hoped that these documents, prepared for the National Institute on Alcohol Abuse and Alcoholism (NIAAA) will serve as a useful reference for members of the alcoholism field.

This manual is the third edition of Volume 3 of the AEDRM, the County Alcohol Problem Indicators section, which provides compilations of county and state-level data on mortality from alcohol-related causes and indexes reflecting the relative magnitude of alcohol problems. The data have been tabulated from the annual Multiple Cause of Death files compiled by the National Center for Health Statistics (NCHS). Additional discussion of data characteristics is included in the introductory section of this volume.

The other volumes of this manual include:

> Volume 1. *Apparent Consumption*: provides statistical data on alcohol consumption on a national and State level for the three primary types of alcoholic beverages sold in the United States, namely, spirits, wine, and beer, for the years 1970-1983.
>
> Volume 2. *Cirrhosis of Liver Mortality*: provides detailed compilations of data on mortality due to cirrhosis of the liver in the United States and each state, for the years 1960-1980, along with historical data for earlier years.
>
> Volume 4. *Hospital Discharges with Alcohol-Related Conditions*: provides data on short-stay hospital discharges accompanied by an alcohol-related diagnosis for the years 1979-1985.

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PREFACE

The 1990 edition of the *County Alcohol Problem Indicators Data Reference Manual* updates and refines the data presented in the 1981 and 1985 editions. The major modifications are: (1) the inclusion of all age groups in the data presented, (2) the use of both underlying as well as contributing causes in assessing alcohol-related mortality, (3) the development of a second indicator of alcohol problem levels based on any mention on the death certificate of any of five diseases associated with chronic or acute abuse of alcohol, and (4) the calculation of age-adjusted mortality rates to supplement the more commonly used unadjusted rates.

Ecological data presented in the 1985 edition were based on the 1980 census. Since more recent data from the 1990 census are as yet unavailable, no area characteristics are presented in this edition, other than average population. Data based on all age groups, as presented here, are not strictly comparable to the previous edition, which was limited to the age group 15 to 74. To allow direct comparison with the prior edition, separate tabulations are presented for this age group only.

The data presented have been verified to identify and eliminate tabulation errors. However, it should be recognized that any limitations present in the original data files are repeated in this volume. It should also be noted that data for large counties are more stable than those for small counties.

Despite these limitations and additional considerations discussed in Chapter 1 and Chapter 2, this manual probably represents the most comprehensive single source of county data relating to alcohol problems. The staff of the Institute hope that the manual will prove useful to both researchers and administrators and stand ready to assist users in interpreting the data. Questions should be addressed to Frederick S. Stinson, Alcohol Epidemiologic Data System, c/o CSR, Incorporated, 1400 Eye St., NW, Suite 600, Washington, DC 20005.

TABLE OF CONTENTS

Page

1. INTRODUCTION....1
    1.1 Overview of the Contents and Uses of This Manual....1
    1.2 Examples of the Use of the Data in This Manual....6

2. DESCRIPTIONS AND SOURCES OF DATA....13
    2.1 Population....14
    2.2 Alcohol-Related Mortality....14
        2.2.1 Underlying and multiple cause of death coding....15
        2.2.2 Cause of death classification codes....16
            Cirrhosis....16
            Alcohol dependence syndrome....17
            Non-dependent abuse of alcohol....17
            Alcoholic psychoses....18
            Alcohol poisoning....18
            Motor vehicle crashes....19
            Suicide....19
            Homicide....20
        2.2.3 Details of rate calculations....20
    2.3 Estimated Alcohol Involvement in Mortality....22
    2.4 Rank Based on Any Mention of Alcohol....24

3. ALCOHOL RELATED MORTALITY FOR STATES AND COUNTIES....27

REFERENCES....197

APPENDIX: AGE-ADJUSTED MORTALITY RATES....200

LIST OF TABLES

Page

Table 1. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State for All Ages, 1979, 1980, 1983-1985 28

Table 2. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying , by State for Ages 15 through 74 Years, 1979, 1980, 1983-1985 31

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985 32

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying , by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985 142

Table A-1. Average Age-Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State for All Ages, 1979, 1980, 1983-1985 204

Table A-2. Average Age-Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985 206

LIST OF FIGURES

Page

Figure 1. Arizona: Alcohol-related deaths per 100,000 population 7

Figure 2. Wyoming: Motor vehicle deaths per 100,000 population. 8

Figure 3. Wyoming: Average number of motor vehicle deaths per year 9

Figure 4. New Mexico: Potential target counties for prevention of drinking while pregnant 10

Figure A-1. Comparison of unadjusted and age-adjusted mortality rates by state 202

1. INTRODUCTION

1.1 Overview of the Contents and Uses of This Manual

This manual is designed to provide several types of data which can aid in the assessment of alcohol problems and in the planning of prevention and treatment programs in small geographical areas. It is the latest of a series on county alcohol problem indicators generated by the National Institute on Alcohol Abuse and Alcoholism (NIAAA, 1981 & 1985).

The basic types of data presented at the state and county levels are:

(1) Mortality rates for eight selected causes of death which are commonly regarded as reflecting the extent of alcohol abuse, based on classification of underlying cause of death;

(2) Mortality rates for each and any of five alcohol related causes of death, based on classification of multiple causes of death; and

(3) Estimates of alcohol involvement based on mortality rates and relative state and county rankings based on these estimates.

The data in this manual, when used in conjunction with data from earlier versions and other sources (such as ecological variables, treatment population, alcohol program resources, alcohol consumption, surveys of drinking practices and consequences) have a number of actual and potential applications. A number of Single State Agencies (SSAs) have considered the alcohol problem indicators published in the 1981 and 1985 editions of this manual in developing annual program plans and in defining program needs at both the local and state level. Some potential uses include:

(1) ***Determining Prevalence*** of alcohol related problems in a county or state compared to other counties or states. Such information is valuable in establishing appropriate overall program resource levels and in making differential resource allocations among catchment areas.

(2) ***Identifying Patterns of Abuse*** by examining data for several counties to determine geographical boundaries within which similar problems occur, and studying demographic and ecological patterns which appear to correlate with magnitude of alcohol problems.

(3) ***Assessing Needs for Alcohol Programs*** to determine the types of programs which are most needed (e.g. prevention focused on drunken driving, detoxification, outpatient treatment, or rehabilitation), and identifying the geographic areas with the greatest need, particularly unmet needs.

(4) ***Evaluation and Monitoring*** using techniques such as comparison of alcohol related mortality levels in counties with different treatment resource levels and modalities, and comparison of recent alcohol related mortality levels with those observed for the 1975-80 period.

(5) ***Research Modeling,*** using multivariate statistical methods linking alcohol related mortality levels (as a problem indicator) with ecological variables, to generate hypotheses for further research or project future alcohol program needs based on anticipated demographic changes.

Counties are the basic unit of analysis in the alcohol problem indicators manual. The rationale for selecting counties is based on three general arguments. First, counties are usually the smallest geographic units for which public-sector resource planning for alcohol programs is performed. A catchment area is usually one county or a combination of counties. Population-weighted estimates of county alcohol problem indicators and other variables can be developed for most local areas. Second, most counties have a sufficient population to permit analysis. A number of types of alcohol related data are available at the county level, but tend to be less stable when disaggregated to finer geographic units. Third, compared with states, counties are more homogeneous both in the level of alcohol abuse and in the ecological characteristics which tend to be associated with alcohol problems.

Few acceptable alcohol abuse indicators are available for all small geographic areas. There is no single survey or measurement tool which adequately reflects the dimension of alcohol abuse overall or according to geographic area. Epidemiologic surveys provide a reasonable indication of self reported drinking practices and patterns, but the samples used rarely permit the development of estimates below the state level and never approach the size required to make estimates for all sub-state areas. Surveys of the magnitude required to generate small area estimates are not feasible unless undertaken as part of a general population census.

Compounding the problem of measuring alcohol abuse is the great variety of drinking patterns. Chronic heavy drinking and binge drinking are prominent patterns, but special attention must also be devoted to the phenomena of drinking and driving, and drinking while pregnant. These patterns differ among demographic groups. Also, the prevalence of alcohol abuse and its severity tend to be confused in discussing geographic differences. This confusion is illustrated in discussions of apparent consumption which are based on state-level sales data. With these data, it is impossible to distinguish between 100 people each buying one gallon of spirits and one person buying 100 gallons. Also, sales to nonresidents seeking a price advantage tend to distort the data, particularly for small states.

In the absence of direct measures of alcohol abuse, epidemiologists have long relied on reports of the consequences of the phenomenon. Measurable consequences include:

(1) health effects, i.e., mortality and morbidity;

(2) accidents and injuries, prominently motor vehicle accident fatalities and injuries;

(3) social effects, such as family dissolution, violence and alcohol related crime; and

(4) interference with occupational functioning, including absenteeism and diminished job performance.

Mortality rates were used to estimate alcohol problem levels. Of the possible indicators listed above, the measures included in this report had to be available for all counties, and had to be reported in a reasonably consistent and timely manner.

The most uniformly reported, relevant, and unambiguous data are the mortality statistics from the National Center for Health Statistics (NCHS). Mortality from liver cirrhosis, alcohol dependence syndrome, non-dependent abuse of alcohol, alcoholic psychoses and alcohol poisoning were selected as prime indicators. In addition, mortality from motor vehicle accidents was used as another indicator of alcohol problems. However, differences among counties on other related variables (e.g., average miles driven and miles driven by type of roadway) may correlate more highly with motor vehicle fatality rates than would prevalence of alcohol abuse. Death rates from suicide and homicide were also included. Although many factors other than alcohol abuse influence these rates, suicide and homicide provide additional measures of the health and social consequences of alcohol abuse.

Mortality data have substantial limitations when used as principal indicators of alcohol problems. As trailing indicators, mortality rates do not provide information regarding high-risk groups which are at the beginning stages of serious alcohol problems. Although the percentage of alcohol involvement in deaths from the selected causes is high, the likelihood of dying from one of these causes given that one abuses alcohol is probably quite small, thus the mortality rates do not necessarily reflect the prevalence of problem drinking. In addition, variation in reporting practices regarding cause of death, particularly deaths from socially disapproved medical conditions, introduces bias of unknown magnitude and direction.

Despite these limitations, the legal requirement that each death be certified and reported to a national data system with reasonable consistency in data elements, definitions and formats ensures completeness and a basic level of uniformity in mortality data which is not achieved in other statistical series which provide county level data relevant to alcohol problems. In using the data for any particular county, however, considerable care is recommended to assure that the reported deaths are those which might reasonably be linked to alcohol abuse.

Multiple cause-of-death data are examined along with underlying cause of death. As in earlier editions of this report, alcohol-related underlying causes of death are analyzed. For the first time in this series, additional data on alcohol related *contributing* causes are also included, providing a more comprehensive count of alcohol-related mortality. A more detailed description of underlying and multiple cause-of-death data is provided in Section 2.2.1.

Mortality rates are based on total county population. Also new in this edition is the use of the whole population in calculating mortality rates. This now includes the oldest age groups, among whom a significant proportion of alcohol related deaths (such as cirrhosis) occur. However, in order to allow comparison with earlier reports, rates based on the population aged 15-74 are also presented.

Unadjusted (crude) mortality rates are presented as basic mortality measures. Because there is substantial variability in population size between geographic units, it is essential that population-based mortality rates be calculated. Total deaths from a given cause varies from county to county, and a large part of this variation is due simply to population size. One would expect more deaths in counties with larger populations, and fewer deaths in counties with smaller populations. The procedure of counting all deaths from a given cause group, dividing it by the population, and multiplying the result by a standardizing factor such as 100,000 yields an easily interpretable statistic which eliminates the "noise" created by variations in population size. This allows comparison of death rates between counties, whether large or small. To illustrate,

> For the years 1979, 1980 and 1983-1985 in New Mexico, an almost equal number of deaths attributed to alcohol dependence syndrome were reported in Dona Ana county and in Taos county. There were fifteen such deaths in Dona Ana, and sixteen in Taos over this five-year period, or an average of 3 and 3.2 deaths per year, respectively. Although the ***number of deaths*** were about the same, their respective average populations differed substantially, with Dona Ana having five times as many residents as Taos (106,640 and 20,666 respectively). When mortality rates due to alcohol dependence syndrome are calculated, the result is 2.8 deaths per 100,000 population in Dona Ana and 14.5 deaths per 100,000 population in Taos, with the rate for Dona Ana only about one-fifth that of Taos (Table 3). ***Mortality rates*** take into account population size, and allow comparison between areas having different population sizes.

Age-adjusted mortality rates are provided in the Appendix to this manual for readers who are interested.

Comparisons with the previous report are possible using data based on the age group 15-74. As mentioned earlier, data presented here are based on the total population. Since these are not directly comparable with the earlier edition of this report, mortality rates are also presented for the restricted age group, 15-74. Unadjusted rates were used in the previous edition and are replicated here to maintain comparability. In general, alcohol-related death rates for the age group 15-74 are slightly higher than those for all age groups combined.

Five years of data were averaged to obtain stable annual estimates. Mortality data and population estimates for the years 1979, 1980, and 1983 through 1985 were aggregated and averaged to compute the rates reported in the manual. Data for 1981 and 1982 were excluded from analysis because for 19 states, multiple cause of death data were based on a 50% sample of deaths. While a one-out-of-two sample is more than sufficient for most purposes, it imposes limitations for estimating infrequent events among small populations. For these two years, therefore, data are not strictly comparable with the years included for analysis.

With relatively few deaths in many of the counties, particularly counties with small populations, year to year variations can be considerable. This can be further confounded by the sporadic occurrence of a rare event, such as dying of alcohol poisoning. Use of data from one or two years for computing rates can sometimes present a misleading picture. In order to minimize the effects of this random variation, the data included in this manual are based on annual averages over five years.

Readers will also note that some of the alcohol related causes of death occur so infrequently that many counties reported no deaths within the five year period covered in this manual. Alcohol poisoning, as earlier mentioned, and alcoholic psychoses are in this category. Although standard reporting criteria would suppress death rates from these causes due to small numbers, they are included here as components of the overall measurement of alcohol-related deaths.

Rates based on small populations tend to be unstable. For counties with very small populations, rates should be used with caution, as these tend to be unstable. A small population (denominator) in conjunction with a rare mortality event (numerator) can result in a misleading rate and can generate substantial variation at different points in time. For example,

> In the 1975-1980 period, the population aged 15-74 in Gilliam, Oregon had a cirrhosis mortality rate of 10.8 deaths per 100,000 population (NIAAA, 1985). The rate for the five-year period reported in this manual is 27.2 deaths per 100,000 population (Table 4). The apparent doubling is based on ***one*** death during the first six-year period when the 15-74 population averaged 1,537 and on ***two*** deaths during the later five-year period when the 15-74 population averaged 1,473.

Codes for cause of death are based on the International Classification of Diseases, Ninth Revision (ICD-9). Cause of death classification codes are consistent for the years covered in this report (1979, 1980, 1983-1985). ICD-9 was first implemented in 1979. In comparing these rates with the previous edition (1975-1980) which spanned the transition from ICD-8 to ICD-9, the reader should note that the present categories ***alcohol dependence syndrome*** and ***non-***

dependent abuse of alcohol comprise the old category ***alcoholism*** [1] and can be reaggregated for purposes of comparison. Eight rather than seven causes of alcohol related mortality are presented in this edition.

No new data on associated county-level attributes are presented. Earlier editions of this manual included county level data based on the 1970 and 1980 censuses as ecological indicators, along with mortality-based statistics. Since the last census-based indicators were published in the previous edition, they are not repeated here. No new data are expected until after the 1990 decennial census results become available. Readers are referred to the 1985 edition of this manual and to the annual *County and City Data Book* published by the Census Bureau for county-level attributes which can be examined in conjunction with the mortality-based alcohol problem indicators presented in this edition of the manual.

1.2 Examples of the Use of the Data in This Manual

The mortality rates and estimated alcohol involvement in mortality presented in this manual reflect the relative severity of alcohol problems in different counties. Counties can be compared and ranked according to these measures to obtain an indication of the need for prevention and treatment programs. The following examples illustrate the use of specific county level data in a particular state.

Example 1. Identification of counties with the greatest chronic alcohol abuse problem

Counties often differ in the prevalence of chronic alcohol abuse, and these differences are reflected in the data shown in this manual. Each of the alcohol related causes of death could be examined separately to obtain a picture of the chronic alcohol abuse problem in each county. The mortality rate for any alcohol-related disease (from the multiple cause panel of Table 3) is an appropriate summary indicator for chronic alcohol abuse. In this example, data for counties in Arizona are used. As shown in Figure 1, only five of the fourteen counties fall below the average U.S. mortality rate due to alcohol-related diseases of 25.4 deaths per 100,000 population. All other counties exceed this benchmark, with rates in the three highest-ranking counties based on any mention of alcohol (Apache, Navaho and Gila) surpassing 45 deaths per 100,000 population. These would clearly be priority areas in the deployment of resources to treat chronic alcohol abusers.

It should be noted, however, that numerous other considerations bear on treatment resource decisions in addition to need. These include (1) population size, (2) existing treatment capacity, including geographic dispersion, (3) treatment utilization experience, (4) configuration of resources according to treatment modality, (5) area characteristics such as urbanization, ethnic composition and other population characteristics, which may influence modality decisions, (6) presence or absence of waiting lists for treatment in existing facilities.

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[1] For a detailed discussion of the conversion of cause of death coding from the Eighth Revision to the Ninth Revision of the *International Classification of Diseases*, see Colliver, *et al.*, 1984.

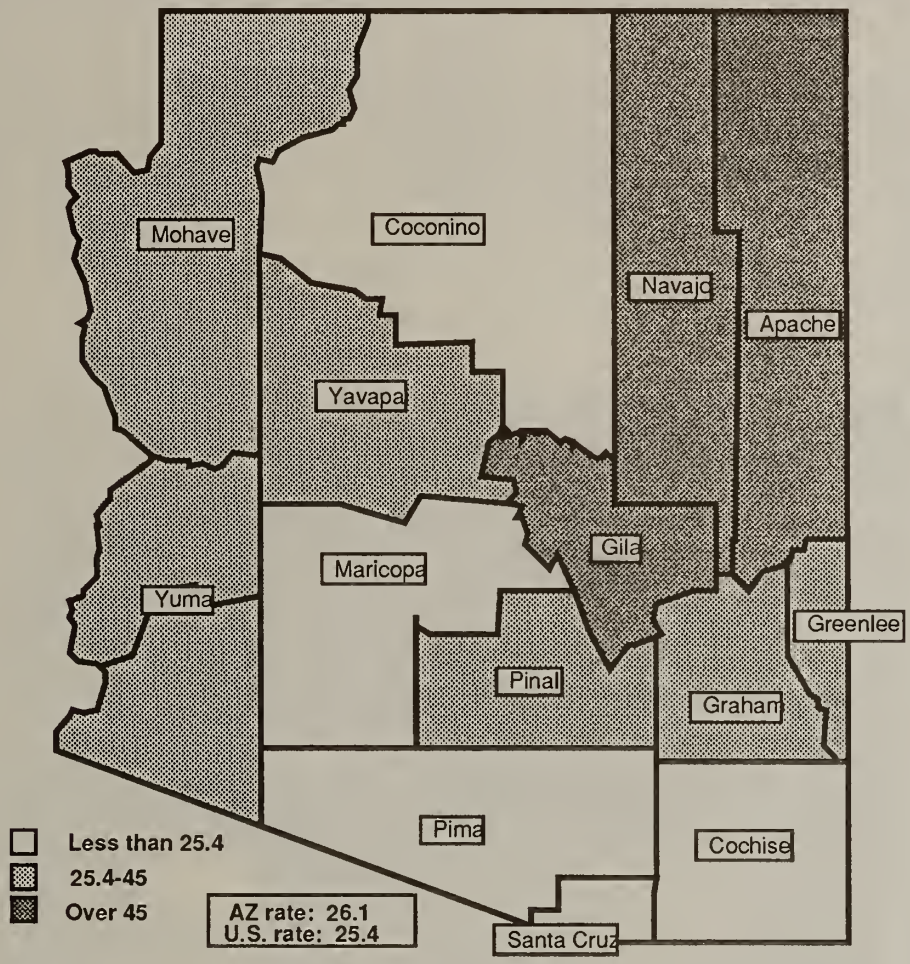

Figure 1. **ARIZONA**
Alcohol related deaths per 100,000 population
(Average annual rates based on multiple cause for 1979, 1980, 1983-85 data)

Example 2. Targeting counties in need of programs to reduce drinking and driving

Several types of information would be required to plan a program to reduce drinking and driving: (1) identification of places with the greatest problem; (2) consideration of differences in problem definition as conceived on a per capita basis versus on the basis of the size of the population at risk; (3) data on current prevention efforts, where these are targeted and the methods they employ; (4) information on the administrative structure of state law enforcement agencies; and (5) miscellaneous data such as the geographic range and audience characteristics of television and radio stations.

The data in this manual would be useful in determining the counties with the most serious problem of drinking and driving, on a standardized basis as well as in terms of actual magnitude. About half of motor vehicle deaths are estimated to involve alcohol, and in this example, mortality due to motor vehicle crashes is used as the problem indicator.

Wyoming data illustrate the different implications that can be drawn from standardized (rate) comparisons and from assessing raw numbers (magnitude). Unadjusted motor vehicle death rates (from Table 3) are shown in Figure 2 to identify counties with the highest risk. Residents in five counties experienced more than double the U.S. death rate due to motor vehicle crashes (21.0 deaths per 100,000 population), with only the counties of Albany and Laramie below the national norm.

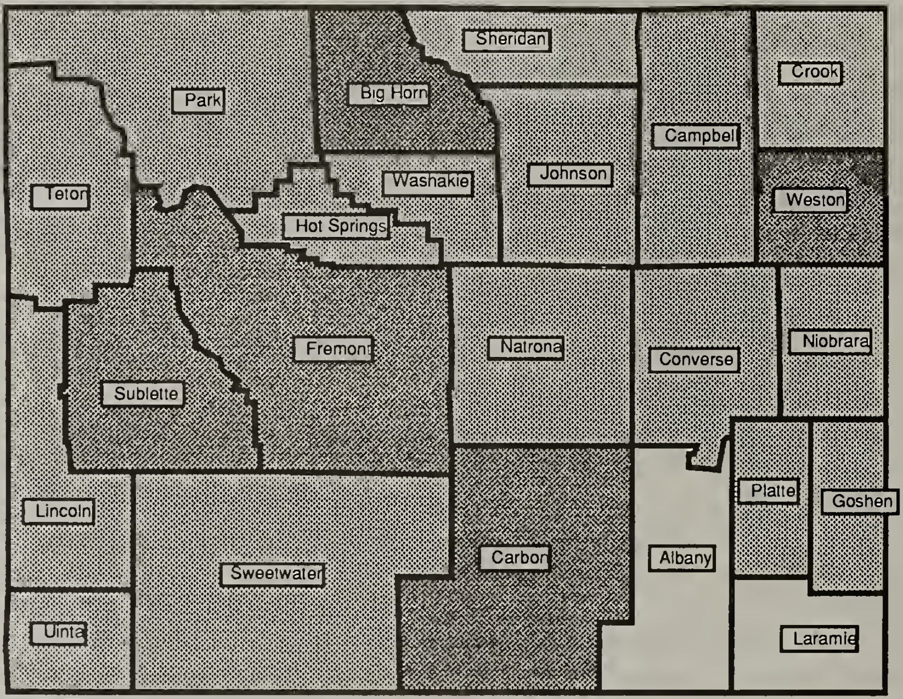

Figure 2. WYOMING
Motor vehicle deaths per 100,000 population

☐ Less than 21
▨ 21-41.9
▩ 42 or more

U.S. rate*: 21.0
WY rate: 34.4

The data above, however, do not reflect how many persons are actually affected, since population size is removed when rates are computed. The average annual number of motor vehicle accident deaths can be obtained by multiplying the unadjusted death rate (from Table 3) by the average county population and dividing by 100,000. The average annual number of deaths observed for the same Wyoming counties are shown in Figure 3. Although Laramie was shown earlier to have a low death ***rate***, it is one of four counties that experienced the highest ***number*** of motor vehicle deaths, with at least one death highest ***number*** of motor vehicle deaths, with at least one death a month. Fremont county experienced both a high death rate and relatively high number of deaths, while Albany county had a low death rate and few deaths.

While rates allow comparative assessment of risks, actual numbers are driven by such risks in conjunction with population size, and both are important considerations in program planning decisions.

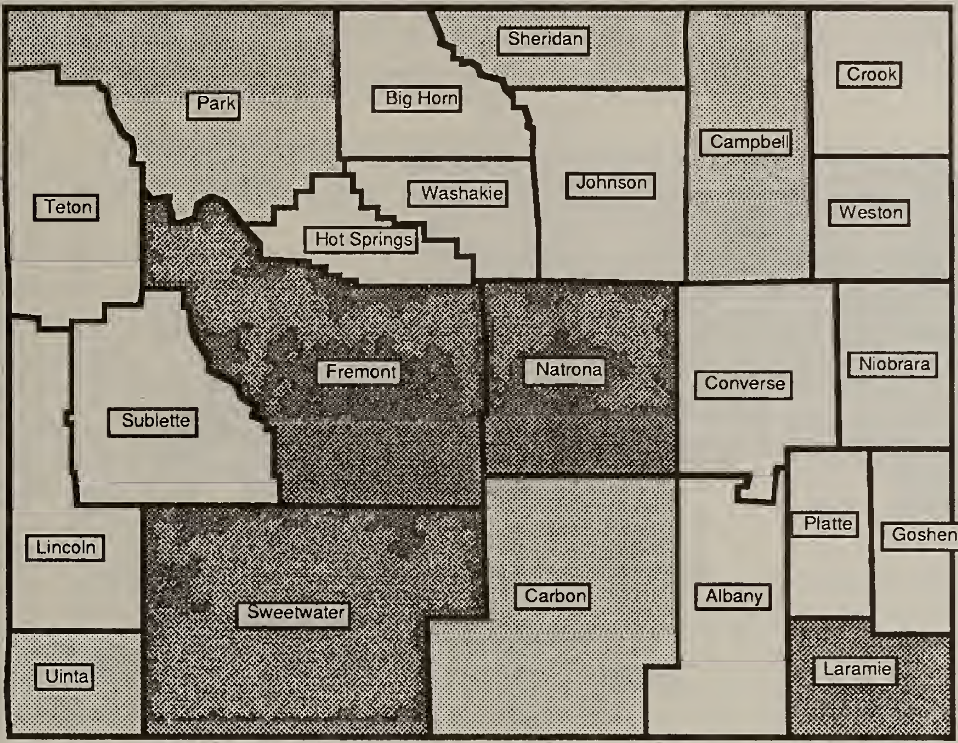

Figure 3. **Wyoming**
Average number of motor vehicle deaths per year

☐ 6 or less
▨ 6.1 to 12
▩ More than 12

WY Average: 169.6

Example 3. Use of ecological variables with alcohol mortality data for identifying potential target counties needing prevention programs

A wide selection of county-level attributes are available from census data[2], and several of these ecological characteristics are known to be associated with elevated rates of social pathologies, including alcohol related problems. Some of the indicators of demographic and socio-economic conditions in each county are: the proportion of families below the poverty line, proportion of families receiving public assistance, ratio of persons over 64 to persons 18-64, ratio of persons under 18 to persons 18-64, and proportion of the population belonging to specific racial or ethnic groups. Counties with youthful populations and high alcohol mortality rates can be targeted for early prevention programs.

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[2] These are available in the *County and City Data Book*, a publication of the U.S. Bureau of the Census. See also the previous edition of this manual (NIAAA, 1985).

In this example, ecological data and alcohol mortality for New Mexico are examined. There is increasing evidence of the deleterious effects of alcohol on fetal development. However, no comprehensive data on the population at risk are readily available. A reasonable indicator of potentially at-risk childbearing women is the county birth rate, here dichotomized as high or low relative to the state birth rate in 1984 of 19.2 births per 1,000 population (U.S. Bureau of the

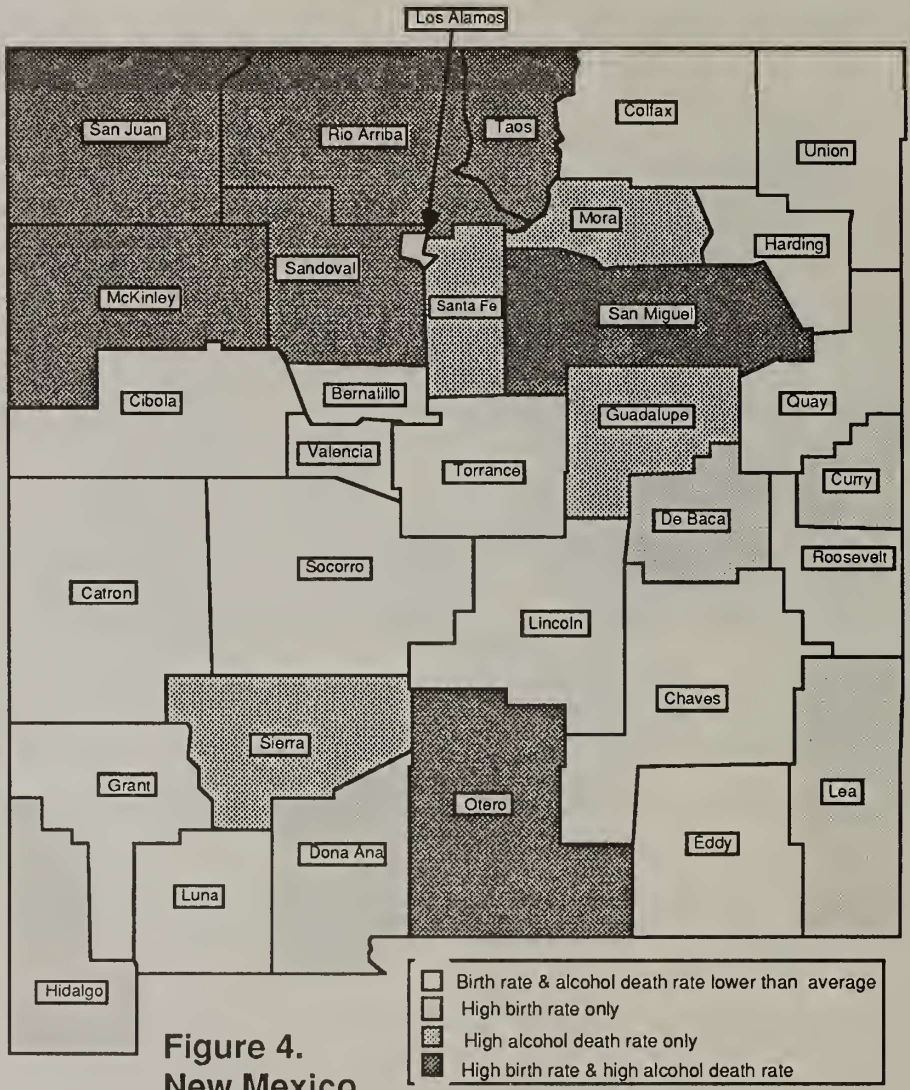

Figure 4.
New Mexico
Potential target counties for prevention of drinking while pregnant

Census, 1988b). An aggregate measure of alcohol problem level is the alcohol-related mortality rate ("any alcohol" from the multiple cause panel of Table 3), also dichotomized as below or above the state rate of 32.3 deaths per 100,000 population. Simultaneous examination of these two indicators can help identify potential target counties for programs designed to prevent drinking while pregnant, as shown in Figure 4. With the exception of Los Alamos, all counties north and west of Albuquerque (Bernalillo) appear to be likely target areas. Altogether, seven counties are high on both risk indicators. Information at the level presented in this manual can be useful in narrowing down potential program areas, but should be supplemented with additional information specific to alcohol abuse among women of childbearing age in these localities.

Example 4. Linkage of alcohol mortality data with treatment capacity and utilization data to assist in making treatment resource decisions

Although beyond the scope of this discussion, one of the most significant potential uses of the data in this manual is to provide estimates of problem prevalence to assist in projecting needed treatment resources and in allocating resources among geographic areas. One approach involves the linkage of data on current resources and utilization with the data in the manual to develop a projection model. Because the county is a common level of aggregation in many record keeping systems, linkage to the data in the manual should be straightforward.

2. DESCRIPTIONS AND SOURCES OF DATA

Detailed descriptions of the data in the manual, including definitions, sources and computational methods are presented in this chapter.

The data presented are unadjusted annual rates based on underlying cause and multiple cause data for :

(1) the total population (Tables 1 and 3), and

(2) the population aged 15-74 only (Tables 2 and 4).

For each pair of tables, the first consists of summary data for each state, and the second contains data for each county in each state.

In most cases the state and county data were developed independently, although the rates for each state are equivalent to weighted means of the data for the component counties. The data items are the same for the state and county tables, except for relative ranks. Ranks of counties within states are presented only in the county tables and ranks of states are shown only in the state tables.

This manual contains data for 3,107 counties. Although an attempt was made to include all counties, no sub-state mortality rates could be computed for Alaska because area definitions used by the National Center for Health Statistics for the registration of vital events did not match the population district boundaries used by the Census Bureau.

Due to boundary changes which occurred between 1979 and 1985, data for certain counties have been combined for the purposes of this report. For example, data for Washabaugh County, South Dakota from 1979 was added to the data for Jackson County, South Dakota, because in 1980 Washabaugh was consolidated with Jackson in the definition of county codes. Since Washabaugh could not be reported consistently throughout the years covered in the report, data from Washabaugh were aggregated with Jackson, thus maintaining a consistently reported county. Data from Washabaugh do not appear separately for any of the tables. Several other aggregations were performed in order to maintain consistently reported counties. In Virginia, Nansemond County became part of Suffolk in the Census county codes beginning in 1980. Therefore, data from Nansemond in 1979 were combined with Suffolk, and Nansemond does not appear as a separate county. Two other aggregations were performed for Virginia. Poquoson was given a separate county code in 1980. Formerly, it was coded as part of York. In this report, data from Poquoson were combined with York in years after 1979. Likewise, Manassas City and Manassas Park received separate county codes in 1980. Formerly, they were coded as part of Prince William. Data from these two new counties were added to Prince William for years after 1980. Poquoson, Manassas City, and Manassas Park do not appear in the tables. Cibola County, New Mexico was given a separate county code in 1982. Prior to that, it was coded as part of Valencia. Data for Cibola for the years 1982 and later were aggregated with the data from Valencia. Kalawao County, Hawaii, which was coded as part of Maui, also received a separate county code in 1982. The data from Kalawao have been aggregated with Maui. Neither Kalawao, Hawaii nor Cibola, New Mexico appear in the tables. In New York, the boroughs of Bronx, Kings, Queens, Richmond, and New York were aggregated and appear as New York City. Data for La Paz, Arizona were not distinguished from that of Yuma for the period under study.

The discussion that follows is organized according to the sequence in which data elements appear in the tables: population, alcohol related mortality, estimated alcohol involvement in mortality, and relative ranks of geographic areas. Most of these elements are common to all tables. Relevant differences between tables are noted.

2.1 Population

The population presented in this report includes individuals from all age groups. The average population for the years 1979, 1980, and 1983-1985 was computed by adding the population from each year and dividing by five. The 1980 population data are from the 1980 Decennial Census (Summary Tape File A1), while data for 1979 and 1983 through 1985 are intercensal estimates developed for the National Cancer Institute by the U.S. Bureau of the Census.

While the tables based on the total population are comprehensive, they are not directly comparable to the previous report which is based on an age-restricted population. Hence, the calculations of mortality rates are replicated selecting only individuals between 15 and 74 years of age (Tables 2 and 4). For these, the average population aged 15-74 was computed by taking the sum of the population within that age range for all of the five years analyzed (1979, 1980 and 1983-1985) and dividing by five, based on the same data sources.

2.2 Alcohol-Related Mortality

The National Center for Health Statistics (NCHS) is the source of data on mortality. This section has three parts: (1) two alternative ways of examining cause of death information are described, (2) the codes used to select alcohol related deaths are defined, and (3) details of rate calculations are presented.

In all cases, the data for a given county represent deaths of *residents* of the county. Persons who die in a county other than their residence are allocated to their county of residence and not to the county where the death occurred. Deaths of non-residents of the United States are excluded.

2.2.1 Underlying and multiple cause of death coding

Two ways of examining cause of death data are used in this report:

- a single ***underlying*** cause to which each death is attributed, and
- a set of one or more (***multiple***) causes to which a death is attributed.

The customary approach to mortality coding is to use a unidimensional classification system based on the underlying cause of death, which is defined as "the disease or injury which initiated the train of morbid events leading directly or indirectly to death or the circumstances of the accident or violence which produced the fatal injury" (NCHS, 1982b:4). Thus, for each death, only one condition or disease is identified as the ***underlying cause***. This approach has the advantage of being straightforward, but has its limitations as well. One drawback, in particular, is most consequential for assessing alcohol involvement in mortality: by definition, the underlying cause-of-death statistic "excludes information pertaining to the immediate cause of death, contributory causes, and those causes that intervene between the underlying and immediate causes of death" (Chamblee and Evans, 1986:2). For alcohol involvement in mortality, then, one should expect that rates based on a single underlying cause of death are low estimates.

Since a death often results from the combined effect of two or more conditions which may or may not be causally related, there is a need for more comprehensive cause of death data. Recognizing this, the NCHS implemented a system for coding all conditions reported on death certificates starting with data for 1968. In addition to information found in the ***mortality detail files*** which contain underlying cause of death information, a separate data set — the ***multiple cause of death files*** — includes the underlying cause and two sets of conditions listed on the death certificate as causes of death. One set, known as the 'entity axis', contains the actual, unedited causes of death as specified on the death certificate, in the order in which they were listed by the death certifier. The other set, known as the 'record axis,' is a list of conditions resulting from entity axis elements after they have been edited for contradictions, duplicate codes, and other imprecisions. The entity and record axes can each contain up to 20 cause of death conditions. Multiple cause mortality data are used to identify deaths where a condition may have been a contributing cause, but not necessarily the underlying cause[3]. Analysis of multiple causes provides a more accurate description when deaths are associated with a number of concurrent disease processes (Israel, *et al.* 1986). Diseases associated with chronic alcohol abuse, such as cirrhosis, alcohol dependence syndrome, and alcoholic psychoses, are particularly appropriate for this type of analysis.

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[3] According to the NCHS, the underlying cause of death is found among record axis items in almost all cases -- 99.92% in 1976 (Chamblee & Evans, 1986). However, in rare instances, such as some deaths attributed to alcoholic psychoses (ICD-9 code 291) as the underlying cause, the record axis may not contain a 291 code. For this reason, *both* the underlying cause and the record axis, rather than the record axis alone, were inspected to determine alcohol involvement in the multiple cause analysis.

2.2.2 Cause of death classification codes

For the period covered in this report, the NCHS coded cause of death according to the *International Classification of Diseases, Ninth Revision (ICD-9)* developed by the World Health Organization. Eight categories of alcohol related causes of death are used in this manual to indicate alcohol problem levels. These are: cirrhosis, alcohol dependence syndrome, non-dependent abuse of alcohol, alcoholic psychoses, alcohol poisoning, motor vehicle accidents, suicide and homicide. The first five diseases are known to be directly linked with alcohol use. For these, both underlying cause and multiple cause occurrences were examined. The remaining three causes (motor vehicle accidents, suicide and homicide) are considered surrogate measures of alcohol involvement, and only underlying cause analysis was performed on these external injury codes. In the more detailed discussion for each cause that follows, the component diagnostic codes in ICD-9 for each category are presented.

Cirrhosis

Cirrhosis mortality presented here is based on all chronic liver disease and cirrhosis deaths, whether reported as involving alcohol or not, coded 571 in ICD-9. Diagnostic code 572.3, portal hypertension (a subcategory of liver abscess and sequelae of chronic liver disease) is also included in this category.

The liver is the primary site for the detoxification of alcohol by oxidation to other chemicals, but alcohol and its metabolic products can damage liver tissue, ultimately affecting one or more of the organ's major functions. Furthermore, damage to the liver adversely affects other parts of the body because the liver is unable to produce substances required by other tissues and organs, and cannot fulfill its function of eliminating harmful substances.

The health hazards of alcohol are nowhere more evident than in liver disease. In 1985, 26,927 U.S. residents died because of cirrhosis. In addition, cirrhosis contributed to the deaths of 13,944 more. Thus, when all cases with mention of cirrhosis as a cause of death were tabulated, 40,871 were counted in this year alone. Based on annual mortality statistics (NCHS, 1976-1988), cirrhosis has been the ninth most frequent cause of death in the U.S. since 1982, dropping from seventh rank throughout most of the 1970s and eighth rank from 1978 to 1981. Although cirrhosis mortality has declined in recent years, this decline comes on the heels of a steady increase in the post-Prohibition period (Grant & Zobeck, 1989).

Over the five-year period analyzed (1979, 1980, 1983 to 1985) the annual number of deaths attributed to cirrhosis as the underlying cause averaged

28,476, and the annual average for any mention of cirrhosis as a cause of death was 42,876. Of the 3,107 counties for which data were tabulated, 84 (or 2.7%) reported no cirrhosis deaths over the five-year period.

Day (1977) has estimated that 41 to 95 percent of deaths due to cirrhosis and the related condition of alcohol hepatitis are associated with alcohol use. Based on this range, some 11,000 to 26,000 of the deaths due to cirrhosis as the underlying cause in 1985 may be attributed to alcohol use. When deaths to which cirrhosis was a contributing cause are included, about 17,000 to 39,000 deaths in the same year are estimated to involve alcohol use. Alcohol researchers believe that the actual percentages are closer to the top of this range than to the bottom of the range (Malin, *et al.*, 1982).

Alcohol dependence syndrome

Alcohol dependence syndrome is ICD-9 code 303. It is a chronic condition characterized by "behavioral and other responses that always include a compulsion to take alcohol on a continuous or periodic basis in order to experience its psychic effects, and sometimes to avoid the discomfort of its absence" (World Health Organization, 1977). Also included in this category are pellagra (265.2), alcoholic polyneuropathy (357.5), alcoholic cardiomyopathy (425.5) and alcoholic gastritis (535.3).

In 1985, there were 5,020 deaths attributed to alcohol dependence syndrome as the underlying cause of death. This figure more than doubled when deaths with alcohol dependence as a contributing cause were included. There were 12,998 deaths linked to alcohol dependence syndrome as either the underlying cause or a contributing cause. Over the five-year period covered in this manual, an average of 4,878 deaths annually were attributed to alcohol dependence as the underlying cause. The average annual number of deaths with any mention of alcohol dependence syndrome was 12,380 over the same period. Of the counties for which data were tabulated, 335 (10.8%) reported no deaths in this cause category.

Non-dependent abuse of alcohol

The diagnostic code for this category is 305.0. It includes cases of acute intoxication or "hangover" effects. This includes persons who are not dependent on alcohol but who have ingested alcohol on their own initiative to the detriment of their health or social functioning.

Non-dependent abuse of alcohol was listed as the underlying cause for 750 deaths in 1985. This number increased almost four-fold to 2,865 when deaths listing non-dependent abuse of alcohol as a contributing cause were counted in the same year. During the years covered in this report, an annual average of 813 deaths were attributed to non-dependent abuse of alcohol as the underlying cause of death. The corresponding average number for any mention of this cause code was 2,648 deaths annually. Thirty-five percent (1,094) of the counties reported no deaths involving non-dependent abuse of alcohol.

Alcoholic psychoses

The diagnostic code under ICD-9 is 291. Specific causes of death included in this category are alcoholic delirium (*delirium tremens*), alcoholic Korsakov's psychosis (alcohol amnesic syndrome), other alcoholic dementia and hallucinations, pathological drunkenness, alcoholic paranoia and alcohol withdrawal syndrome. Chronic alcoholism with psychosis is characteristic of this category.

Alcoholic psychosis is a relatively rare cause of death. In 1985, it was the underlying cause of 368 deaths. Including 294 more deaths for which it was a contributing cause, there were 662 deaths altogether with any mention of alcoholic psychoses. For 1979, 1980, and 1983 through 1985, an average of 395 annual deaths were attributed to alcoholic psychoses as the underlying cause and 674 deaths per annum were found with any mention of this cause category. Only 37% of the counties (1,160) reported any alcoholic psychosis deaths in this five-year period.

Alcohol poisoning

Accidental poisoning by alcohol is ICD-9 code E860. In addition, the ill-defined condition "excessive blood level of alcohol" (790.3) is included in the alcohol poisoning category. Characterized by blood alcohol levels of 0.25-0.40 percent or higher, alcohol poisoning begins to affect the diencephalon and is manifested by apathy, inertia, cessation of automatic movement, and eventually stupor or coma. Higher levels of alcohol block the portions of the medulla which control breathing. Depression of respiration, peripheral collapse, subnormal temperature and death follow rapidly in sequence.

Alcohol poisoning is a very rare cause of death. It was listed as the underlying cause in 317 deaths in 1985, or an average of 372 annually in the recent 5-year period. However, when deaths in which it was listed as a contributing cause are included, substantially more deaths are counted. There were 2,323 deaths with mention of alcohol poisoning in 1985, and an annual average of 2,183 over the 5-year period -- greater than five times the number of alcohol poisoning deaths based on underlying cause alone. Forty-eight percent of the counties (1,498) reported at least one alcohol poisoning death during the period studied.

Motor vehicle crashes

The diagnostic codes for this category are E810-E825. These include both traffic and non-traffic (off the road) motor vehicle crashes, and decedents include drivers, passengers, pedestrians and persons entering or alighting from a vehicle.

Motor vehicle crashes are the most common non-natural cause of death in the United States, accounting for more fatal injuries than any other type of unintentional injury and for almost as many deaths as suicide and homicide combined. Among certain age groups (e.g., 15-20 year olds) motor vehicle crashes are the top ranked cause of death.

The percentage of motor vehicle fatalities which are reported to involve alcohol varies widely in the research literature. In a recent review of findings from studies of alcohol involvement in serious events, Roizen (1982) reported the interquartile range of percentage estimates, a method intended to reduce sampling anomalies and eliminate studies without adequate controls. Among Roizen's findings for motor vehicle crashes were the following:

- In fatal traffic accidents, 42-53 percent of drivers, 25-27 percent of passengers, and 31-44 percent of pedestrians had been drinking (interquartile range based on 26, 7 and 20 studies, respectively).

- Drivers had been drinking in 54-63 percent of single-vehicle fatal accidents and in 24-37 percent of multi-vehicle accidents (interquartile ranges based on 17 and 12 studies, respectively).

- Among drivers judged legally responsible for fatal crashes, 63-73 percent had been drinking (interquartile range based on 7 studies).

Over the five-year period analyzed, an annual average of 48,659 persons lost their lives in motor vehicle crashes. Of the 3,107 counties for which data are presented, only 15 counties, or less than one percent, had no deaths from motor vehicle crashes.

Suicide

This category is based on ICD-9 codes E950-E958. For the five-year period presented in this manual, there were, on average, 28,220 suicide deaths annually. The extent to which this total undercounts suicides is not known. About 2% of the 3,107 counties (75) reported no suicide deaths over the five year period.

In assessing the involvement of alcohol in suicides, it is necessary to consider not only individuals who had been drinking at the time they killed themselves (who might or might not be chronic alcohol abusers), but also suicides of individuals with a history of alcohol abuse. Roizen (1982) reports that 20-37 percent of suicides involve individuals who were drinking at the time (interquartile range based on 21 studies). In studies of problem drinkers, 15-23 percent were found to have attempted suicide and 1-7 percent to have completed the attempt (interquartile ranges based on 12 and 23 studies, respectively).

Homicide

Homicide diagnostic codes are E960-E969. Deaths through legal intervention are excluded.

Both data from autopsies and from detailed case studies suggest that large percentages of offenders and victims had been drinking at the time of the offense. Roizen (1982) reports that 47-64 percent of victims and 36-70 percent of offenders had been drinking (interquartile ranges based on 28 and 14 studies, respectively).

Studies of homicide victims show variations in alcohol involvement by race and sex. Homicides involving black male victims consistently show higher alcohol involvement (54-74 percent) than those involving white male victims (50-58 percent). In general, fewer female victims than male victims appear to have been drinking (Malin, *et al.*, 1982).

Over the five years addressed in this analysis, an annual average of 21,043 homicide deaths were reported. Thirteen percent of the 3,107 counties (407) isted in this manual reported no deaths due to homicide during this period.

2.2.3 Details of rate calculations

Rates reported under each cause category are based on *all* deaths under a given cause. For instance, the U.S. unadjusted rate for motor vehicle crashes of 21.0 deaths per 100,000 population represents average annual deaths attributed to motor vehicle crashes, whether or not these are alcohol related. The same is true for homicide and suicide rates, which reflect all such deaths regardless of alcohol involvement. Section 2.3 below explains how fractions of these rates were used to estimate alcohol involvement in mortality.

Rates based on underlying cause. Rates based on underlying cause are presented in all four tables in this manual. To develop the alcohol related death rates, mortality records were read from the annual NCHS Multiple Cause of Death public use tapes for 1979, 1980, and 1983-1985. The eight cause categories for which rates are calculated based on underlying cause are cirrhosis, alcohol dependence syndrome, non-dependent abuse of alcohol, alcoholic psychoses, alcohol poisoning, motor vehicle accidents, suicide and homicide.

To calculate ***unadjusted rates for the total population*** (Tables 1 and 3), records for decedents were selected if the underlying cause of death was specified as one of the eight alcohol related categories listed above. For every county, all deaths in each cause of death category were counted for each year. These mortality counts were then averaged across the five years (1979, 1980, 1983-1985), and county rates were computed by dividing the average annual mortality count for each cause by the average total population base and multiplying by 100,000.

To calculate ***unadjusted rates for the age group 15-74*** (Tables 2 and 4), only deaths to persons aged 15-74 were counted in each of the eight cause of death categories for each year, in each county. These mortality counts were then averaged across the five years, and rates were computed by dividing the average annual mortality count by the average population aged 15-74 only and multiplying by 100,000.

Rates based on multiple cause data. Alcohol related death rates based on multiple cause codes are also presented in Tables 1 and 3. These were developed from reading records on the annual NCHS Multiple Cause of Death public use tapes. The underlying cause together with the record axis mortality codes described earlier, which are the edited set of up to 20 causes associated with a single death record, were used to develop the alcohol related death rates (any mention).

Each death record was inspected for the occurrence of any of five alcohol related causes, whether it was an immediate, contributory, or underlying cause of death. The five alcohol related causes used were cirrhosis, alcohol dependence syndrome, non-dependent abuse of alcohol, alcoholic psychoses and alcohol poisoning. A flag was defined for each alcohol related cause, so that if a death record showed cirrhosis as the underlying cause and alcohol dependence syndrome as a contributory cause, it was included in the cirrhosis total as well as in the total for alcohol dependence syndrome. Since this procedure counted the same death in more than one cause category, a sixth flag was defined to identify whether for a single death, any alcohol related cause was mentioned, regardless of how many forms were mentioned. This is the cause category ***Any Alcohol***. It is a more accurate record-based measure of alcohol involvement in mortality since it is takes into account contributory and immediate causes, in addition to the underlying cause.

To calculate ***unadjusted rates for the total population***, decedents selected as described above were counted for any mention of each of the five causes of death and for any mention of at least one alcohol related cause, for each year and for every county. These mortality counts were then averaged across five years, and rates were computed by dividing the average annual mortality count in each cause group by the average total population base and multiplying by 100,000.

2.3 Estimated Alcohol Involvement in Mortality

The values under columns headed ***Estimated Alcohol Involvement in Mortality*** reflect a range of total mortality rates attributable to alcohol. These values are based on a summation of the alcohol involved portion of mortality rates from eight underlying causes of death. They reflect a composite measure of deaths attributed to diseases associated with chronic or acute alcohol abuse as well as injury deaths known to include some degree of alcohol involvement. The minimum and maximum rates, which are expressed as rates per 100,000 population, are based on a range of estimates of the percentages of deaths which are attributable to alcohol from each of the eight causes. Data presented are based on averages for the five-year period (1979, 1980, 1983-1985).

All of the deaths from alcohol dependence syndrome, non-dependent abuse of alcohol, alcoholic psychoses and alcohol poisoning are, by definition, alcohol related. However, the proportion of deaths from cirrhosis, motor vehicle accidents, homicide and suicide which involve alcohol cannot be determined conclusively from the data available. Although certifying physicians report whether cirrhosis deaths are alcohol related, the reported number of deaths from alcoholic cirrhosis underestimates the actual number because of reporting bias. Diagnostic rubrics used to classify deaths from motor vehicle accidents, homicide and suicide do not provide for reporting alcohol as a causative factor.

Without a direct empirical basis for determining overall alcohol involvement in mortality from the eight selected causes, NIAAA and the Alcohol Epidemiologic Data System developed a method using estimates derived from the research literature. As indicated earlier, two reviewers of this literature (Day, 1977; Roizen, 1982) have examined and reported the alcohol involvement rates observed in a vast array of studies of mortality and other "serious events". Estimates of the percentage of alcohol involvement reported by Roizen are interquartile ranges, a procedure which tends to eliminate data from studies which may be methodologically unsound. As the review by Roizen is more recent than that performed by Day, Roizen's rates were used for those causes for which they were available (motor vehicle accidents, homicide and suicide). Day's rates were used to estimate alcohol involvement in deaths from liver cirrhosis.

Summarizing the information provided in the descriptions of the eight mortality rates, cirrhosis mortality is believed to involve alcohol in 41 to 95 percent of cases; motor vehicle accidents, 42 to 53 percent; suicide, 20 to 37 percent, and homicide, 47 to 64 percent. Deaths from alcohol dependence syndrome, non-dependent abuse of alcohol, alcoholic psychoses and alcohol poisoning are 100 percent alcohol involved.

The estimated range of alcohol involvement in deaths from the selected causes was determined by multiplying the mortality rate by the percentages listed above, then summing across the eight causes to obtain a total upper estimate and a total lower estimate. Differences in the profile of mortality rates from the respective causes within each county not only result in variation in the overall level of the range estimates but also yield variations in the difference between the upper and lower limits. In some counties, the range is wider than in others.

Users of the data should note that the range estimates based on the eight causes of death do not represent the total involvement of alcohol in mortality. A large percentage of deaths from other causes--for example, falls, various types of carcinoma, fires and drowning--also have been shown to involve alcohol (Roizen, 1982). Although not exhaustive, the alcohol related mortality from the causes reported in this manual is thought to provide a mortality indicator based on underlying cause which is comprehensive enough to support the comparison of alcohol problem levels in different States and counties.

Minimum estimated alcohol involved mortality rate

This value, expressed as the rate per 100,000 population, is an average for 1979, 1980, and 1983 to 1985. It is calculated based on unadjusted rates for all age groups (Tables 1 and 3), and unadjusted rates for the population in the 15-74 age range (Tables 2 and 4). In calculating the minimum estimated alcohol involved mortality rate, the mortality rates for alcohol dependence syndrome, non-dependent abuse of alcohol, alcoholic psychoses and alcohol poisoning were summed. To this sum were added 41 percent of the cirrhosis mortality rate, 42 percent of the motor vehicle accident mortality rate, 47 percent of the homicide mortality rate and 20 percent of the suicide mortality rate. As noted above, these coefficients represent lower estimates of alcohol involvement in mortality from the respective causes as reported in the research literature.

Maximum estimated alcohol involved mortality rate

Like the minimum estimated alcohol involved mortality rate, this value is expressed as the rate per 100,000 population, and is an average for the years 1979, 1980, and 1983 through 1985. It is also calculated based on unadjusted rates for all age groups (Tables 1 and 3), and unadjusted rates for the population in the 15-74 age range (Tables 2 and 4). In calculating the upper estimate of the overall alcohol involved mortality rate, the mortality rates for alcohol dependence syndrome, non-dependent abuse of alcohol, alcoholic psychoses and alcohol poisoning were summed. To this sum were added 95 percent of the cirrhosis mortality rate, 53 percent of the motor vehicle accident mortality rate, 64 percent of the homicide mortality rate and 37 percent of the suicide mortality rate. These coefficients represent upper estimates of alcohol involvement in mortality from the respective causes as reported in the research literature.

Percentile rank in the United States - Total estimated alcohol involved mortality

This value is based on the midpoint of the range of estimated alcohol involved mortality rates, where the midpoint is the average of the upper and lower estimates. The percentile value reported for a county indicates the percentage of counties in the United States which have alcohol mortality rates of the ***same or lesser*** magnitude. The higher the percentile, the more severe the problem, at least as reflected in the eight selected underlying causes of death. In ranking counties across the U.S., those with no reported deaths in all eight cause categories used to develop this measure were excluded.

In the state tables (Tables 1 and 2) this column presents the actual ranks of the states and the District of Columbia based on the midpoint of the range of estimated alcohol involved mortality rates. The states with the lowest numeric ranks are those with the most serious problems as indicated by this estimate.

Rank in State - Total estimated alcohol involved mortality

This statistic is based on the midpoint of the range of estimated alcohol involved mortality rates, derived by averaging the upper and lower range estimates. Midpoints were then ranked ***in descending order*** within each state. Thus the county ranked number one is the county with the greatest alcohol involved mortality within the state. Counties with no reported deaths in all the alcohol-related cause categories were excluded from ranking.

Readers should note that these rankings indicate the relative problem magnitude of the counties within the state. Ranks do not permit inference of the type illustrated by the statement: 'County A is ranked 5th; County B is ranked 10th; County C is ranked 20th. Therefore, the difference between counties B and C is greater than the difference between Counties A and B.' Comparisons of this type should be made using the midpoints of the range of estimated rates, not the ranks. It is also important to note that this variable should not be used to compare counties in different States. With Delaware consisting of three counties and Texas having 254 counties, such comparisons could be quite misleading, apart from considerations of the relative rankings of the two states.

2.4 Rank Based on Any Mention of Alcohol

A second indicator of alcohol problem level presented in this manual is based on the mention of any alcohol related disease, whether underlying or contributory, as described in Section 2.2.3. This is a comprehensive measure representing rates of death caused by diseases associated with chronic or acute alcohol abuse, namely: alcoholic psychoses, alcohol dependence syndrome, non-dependent abuse of alcohol, cirrhosis, and alcohol poisoning. Two rankings based on this statistic are presented.

Percentile rank in the United States - Any mention of alcohol in mortality

This value is based on the rate per 100,000 population of any mention of alcohol as a cause of death. The percentile rank reported for a county indicates the percentage of counties in the United States which have *any alcohol* mortality rates of the ***same or lesser*** magnitude. The higher the percentile, the more severe the problem, as reflected in any mention of five alcohol related causes of death. Counties with no deaths mentioning any of the five diseases during the study period were not ranked.

In the state tables (Tables 1 and 2) this column presents the actual ranks of the states and the District of Columbia based on the rate of 'any mention' of alcohol in mortality. The states with the lowest numeric ranks are those with the most serious problems according to this indicator based on multiple cause coding.

Rank in State - Any mention of alcohol in mortality

This statistic is based on the rate per 100,000 of 'any mention' of alcohol, ranked ***in descending order*** within each state. Thus the county ranked number one is the county with the greatest alcohol involvement in mortality within the state. However, as noted earlier, within-state rankings are still inappropriate for comparing counties in different States. As with the other calculations, counties with no reported alcohol-related deaths were excluded from ranking.

Since these ranks are based on a single rate, it is possible to examine the age-adjusted mortality rates for ***any alcohol*** and use these to directly compare problem magnitude between counties in the same state as well as across different states. For instance, one can say that the rate of alcohol involvement in mortality for Washington, D.C. (62.8 deaths per 100,000 population) is more than ten times that for Washington, Utah (6 deaths per 100,000 population). Readers interested in this type of comparison are advised to proceed with caution when dealing with areas having differing age compositions. The Appendix discusses the use of age-adjusted rates for this purpose and provides tables for all age groups corresponding to those in the main body of the manual.

3. ALCOHOL RELATED MORTALITY FOR STATES AND COUNTIES

The tables in this section contain population and alcohol-related mortality rates for all age groups and for the age group 15-74 years. For information on the definitions and sources of particular items, refer to the descriptions in Chapter 2, which are arranged in the order of appearance in the tables.

Table 1 contains average population and unadjusted rates for each state and the whole United States, with county data shown in Table 3. Table 2 pertains to the age group 15-75 years only. It contains average population and unadjusted mortality rates for this age group only for each state and for the whole United States, with corresponding county-level data shown in Table 4. These are the rates comparable to those published in the previous edition of this manual.

Since all rates reported in Tables 1 to 4 are unadjusted (i.e., not corrected for differences in age distribution of the population over time and from place to place), these rates are useful for deriving the actual magnitude of alcohol-related mortality. Average annual number of deaths can be obtained by multiplying the unadjusted death rate by the average population and dividing by 100,000. The actual number of deaths for the period under study can be obtained by multiplying the average annual number of deaths by five (years) and rounding to the nearest integer. As discussed in Chapter 2, not all deaths attributed to motor vehicle crashes, suicide, homicide, and to a lesser extent, cirrhosis, are alcohol-related. Therefore, only a fraction of deaths from these causes are to be included in estimating total alcohol-related mortality.

Included in the tables are data for all counties and independent cities in the 48 coterminous states, Hawaii, and the District of Columbia. Data for Alaska could not be tabulated at the county level. Data for the Bronx, Brooklyn, New York, Queens and Richmond boroughs in New York have been combined and are reported as New York City. Additional aggregations have been performed in cases where county boundaries changed between 1979 and 1985. Chapter 2 provides more complete information on these combinations.

Table 1. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State for All Ages, 1979, 1980, 1983-1985

State	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Alabama	3,950,120	9.4	2.2	0.4	0.3	0.2	26.8	11.0	12.3
Alaska	463,690	8.5	2.8	2.2	.1	.2	23.9	13.1	10.0
Arizona	2,906,724	13.4	4.1	.4	.2	.1	29.9	17.1	8.8
Arkansas	2,318,389	7.9	.9	.3	.1	.1	24.8	12.2	9.6
California	24,903,472	16.6	2.1	.4	.1	.2	22.0	14.5	11.7
Colorado	3,064,835	9.4	1.7	.4	.1	.3	22.2	17.2	5.9
Connecticut	3,135,090	12.4	2.8	.2	.1	.0	16.3	8.7	4.5
Delaware	607,232	13.4	3.1	.5	.2	.0	20.4	10.9	5.5
District of Columbia	632,299	32.2	4.9	.7	.1	.1	10.3	8.8	25.8
Florida	10,507,731	16.3	3.2	.4	.2	.1	25.8	16.0	12.7
Georgia	5,686,497	10.7	3.5	.8	.3	.4	26.0	12.2	12.8
Hawaii	1,006,396	7.2	.6	.1	.0	.1	16.1	10.8	4.9
Idaho	974,509	7.3	1.2	.4	.2	.1	29.1	14.3	3.5
Illinois	11,483,038	12.7	1.4	.3	.1	.1	16.6	10.0	10.8
Indiana	5,487,462	9.2	1.4	.2	.1	.1	20.7	11.3	6.3
Iowa	2,904,354	7.7	1.2	.2	.1	.0	20.1	11.3	2.3
Kansas	2,407,200	7.8	1.4	.3	.2	.1	22.9	12.0	5.3
Kentucky	3,696,134	9.4	2.0	.4	.2	.2	22.2	13.0	7.8
Louisiana	4,351,857	9.5	1.6	.2	.2	.1	24.8	12.7	14.5
Maine	1,144,239	12.7	2.4	.3	.2	.0	20.9	13.8	2.5
Maryland	4,297,406	11.1	3.1	.3	.2	.0	17.0	11.0	9.1
Massachusetts	5,772,295	13.6	1.4	.2	.1	.0	15.0	8.9	3.7
Michigan	9,142,227	14.2	1.6	.4	.1	.1	18.8	12.1	10.5
Minnesota	4,124,752	8.3	1.5	.2	.1	.2	18.4	10.7	2.2
Mississippi	2,566,775	8.1	1.8	.3	.2	.1	28.3	9.9	12.3
Missouri	4,963,519	8.9	1.3	.5	.1	.1	21.3	12.8	9.8
Montana	808,381	10.6	2.7	.5	.3	.2	32.9	16.1	4.8
Nebraska	1,588,884	7.7	1.3	.3	.2	.1	19.9	10.2	3.4
Nevada	865,038	18.2	4.2	.4	.2	.1	29.8	23.7	12.8
New Hampshire	954,069	11.6	1.6	.2	.1	.1	19.4	11.9	1.7
New Jersey	7,456,004	15.1	1.5	.2	.2	.0	14.5	7.7	6.1
New Mexico	1,374,673	13.5	6.8	.7	.6	.0	38.0	17.8	11.0
New York	17,663,164	18.4	2.6	.2	.1	.0	13.6	8.2	11.0
North Carolina	6,042,176	10.4	4.5	.5	.8	1.4	24.5	12.3	9.7
North Dakota	672,070	8.8	2.3	.5	.1	.0	19.8	11.2	2.1
Ohio	10,767,455	10.5	1.2	.3	.1	.0	17.3	11.9	6.1
Oklahoma	3,189,268	9.2	3.3	.4	.1	.2	28.3	13.5	9.0
Oregon	2,647,648	12.0	2.5	.3	.1	.0	24.4	15.0	4.6
Pennsylvania	11,879,063	12.1	1.4	.2	.1	.1	17.0	11.5	5.7
Rhode Island	957,501	13.6	3.9	.4	.2	.2	12.7	10.7	4.2
South Carolina	3,221,610	9.7	3.2	1.0	.4	.3	28.0	10.6	10.6
South Dakota	698,722	9.6	2.4	.5	.2	.1	27.5	11.9	3.4
Tennessee	4,664,629	8.8	2.2	.5	.2	.1	25.0	12.9	9.8
Texas	15,304,716	9.2	1.1	.3	.1	.1	26.2	12.6	14.8
Utah	1,551,871	6.5	1.1	.3	.1	.1	21.2	13.2	3.4
Vermont	521,703	10.8	1.7	.2	.3	.2	22.4	15.1	2.5
Virginia	5,515,528	10.3	2.5	.3	.3	1.0	18.2	13.3	8.3
Washington	4,245,567	10.8	2.2	.2	.2	.1	21.6	13.7	5.1
West Virginia	1,948,958	11.2	2.0	.6	.1	.1	24.7	12.6	6.3
Wisconsin	4,734,193	9.1	2.4	.3	.2	.1	18.6	12.6	3.2
Wyoming	493,040	8.1	2.3	.4	.3	.1	34.4	19.5	5.4
United States Total	232,264,177	12.3	2.1	.3	.2	.2	21.0	12.2	9.1

Table 1. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State for All Ages, 1979, 1980, 1983-1985

State	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality			Rank in U.S. Based on Any Mention of Alcohol
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S.	
							Minimum	Maximum		
Alabama	13.2	4.7	1.1	0.4	0.5	19.3	26.2	38.2	13	41
Alaska	12.8	5.7	4.4	.3	1.8	24.0	26.1	37.3	16	24
Arizona	18.0	6.9	1.3	.2	.6	26.1	30.3	45.2	5	16
Arkansas	11.4	2.7	1.0	.3	.5	15.5	22.1	32.7	29	48
California	25.4	5.8	1.0	.2	2.2	33.5	27.2	43.1	7	3
Colorado	13.5	4.8	1.0	.2	4.0	22.9	21.9	33.3	27	30
Connecticut	19.2	7.8	.8	.3	.1	27.3	18.9	29.6	41	14
Delaware	19.6	9.1	1.0	.4	.1	29.7	22.7	35.0	23	9
District of Columbia	47.5	11.2	2.8	.3	.2	62.8	37.3	61.6	1	1
Florida	23.9	6.5	1.1	.3	.9	32.1	30.6	47.1	4	6
Georgia	15.2	7.2	1.4	.5	1.0	24.3	28.8	41.7	6	22
Hawaii	12.5	2.3	.3	.1	.3	15.0	14.9	23.3	51	50
Idaho	10.8	3.6	.9	.3	.5	15.2	21.5	31.6	34	49
Illinois	19.8	3.7	1.2	.2	1.5	26.2	21.3	33.5	30	15
Indiana	13.7	4.1	1.2	.2	1.0	19.7	19.4	29.7	38	40
Iowa	12.0	3.9	1.1	.2	.7	17.4	16.6	25.3	49	46
Kansas	11.9	4.6	1.1	.2	.8	18.0	19.6	29.3	40	43
Kentucky	13.9	4.4	1.0	.3	.9	20.1	22.1	33.1	26	37
Louisiana	14.9	4.1	.9	.2	.4	20.1	25.7	38.3	15	39
Maine	19.5	8.3	1.4	.5	.3	29.2	20.9	32.9	33	10
Maryland	16.4	7.1	.6	.2	.1	23.9	21.8	33.1	28	25
Massachusetts	20.4	3.5	.6	.2	.2	24.7	17.2	28.3	45	20
Michigan	21.5	4.8	1.0	.2	.3	27.4	23.2	36.8	19	13
Minnesota	13.3	5.2	1.4	.3	.8	20.1	16.4	25.1	50	38
Mississippi	12.1	4.4	1.0	.4	.4	17.7	25.4	36.7	17	44
Missouri	13.6	3.1	3.6	.2	1.9	20.6	21.7	32.7	31	34
Montana	15.9	7.3	1.2	.4	1.4	25.0	27.4	40.3	9	18
Nebraska	11.5	4.1	1.0	.2	.5	16.7	17.0	25.6	48	47
Nevada	23.7	10.9	1.6	.3	1.1	35.7	35.7	55.0	3	2
New Hampshire	18.0	4.9	.9	.1	.6	23.8	18.0	28.7	43	26
New Jersey	23.6	3.9	.5	.3	.1	27.7	18.6	30.6	37	12
New Mexico	18.2	12.0	1.8	.7	.2	32.1	38.2	54.6	2	7
New York	27.0	6.2	.5	.2	.2	33.4	23.0	37.6	18	4
North Carolina	16.0	12.7	2.4	1.0	3.2	33.1	28.8	40.9	8	5
North Dakota	12.6	6.2	1.7	.2	.7	20.3	18.1	27.3	46	36
Ohio	16.6	3.7	1.5	.2	.8	22.2	18.5	29.1	42	32
Oklahoma	13.2	7.2	1.6	.2	.4	22.0	26.6	38.5	12	33
Oregon	16.9	7.0	1.0	.3	.4	25.0	23.3	35.8	21	19
Pennsylvania	19.3	3.5	.5	.2	.4	23.7	18.8	30.1	39	27
Rhode Island	21.4	8.5	1.0	.3	.5	31.3	19.8	31.1	36	8
South Carolina	14.2	7.5	2.4	.6	1.2	24.6	27.7	39.7	10	21
South Dakota	14.1	7.0	1.4	.3	1.4	23.4	22.7	33.5	25	29
Tennessee	12.8	4.5	1.1	.3	.7	18.9	24.3	35.7	20	42
Texas	13.4	2.7	1.0	.2	.6	17.5	25.9	38.4	14	45
Utah	9.8	3.0	.7	.2	.3	13.6	17.4	26.1	47	51
Vermont	17.1	7.1	3.5	.5	.6	28.0	20.5	31.8	35	11
Virginia	14.7	7.4	1.3	.5	1.5	24.3	22.5	33.7	24	23
Washington	16.3	6.3	.7	.4	.5	23.5	21.3	32.7	32	28
West Virginia	17.0	5.6	2.8	.3	.4	25.7	23.3	35.3	22	17
Wisconsin	14.2	6.6	1.6	.3	.7	22.6	18.5	28.2	44	31
Wyoming	12.2	5.3	1.5	.5	2.0	20.4	27.4	39.8	11	35
United States Total	18.5	5.3	1.1	.3	.9	25.4	23.3	35.8		

Table 2. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State for Ages 15 through 74 Years, 1979, 1980, 1983-1985

State	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality		
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S.
										Minimum	Maximum	
Alabama	2,838,888	11.6	3.0	0.6	0.4	0.2	32.2	14.0	16.1	32.9	47.8	15
Alaska	337,452	11.3	3.8	3.0	.1	.3	29.6	17.6	12.8	33.8	48.3	12
Arizona	2,114,644	16.3	5.4	.5	.2	.1	35.1	21.4	10.7	37.1	55.2	4
Arkansas	1,647,365	9.3	1.2	.5	.2	.1	29.7	15.2	12.3	27.1	40.0	28
California	18,550,697	20.3	2.6	.5	.2	.2	25.6	17.6	14.6	33.0	52.2	8
Colorado	2,280,636	11.3	2.2	.5	.1	.4	26.4	21.5	7.1	26.5	40.4	29
Connecticut	2,340,651	14.1	3.6	.2	.2	.0	19.7	10.6	5.6	22.8	35.3	41
Delaware	453,067	16.4	4.0	.6	.3	.0	23.9	13.8	6.4	27.4	42.3	24
District of Columbia	501,254	38.3	6.0	.9	.1	.1	10.3	10.3	31.4	43.9	72.7	2
Florida	7,814,596	18.7	4.1	.5	.2	.1	29.2	18.6	15.9	36.1	55.3	5
Georgia	4,134,527	13.6	4.7	1.1	.4	.5	30.8	15.7	16.6	36.2	52.4	6
Hawaii	743,149	8.2	.8	.1	.0	.1	18.8	13.2	6.2	17.8	27.6	51
Idaho	674,924	9.7	1.5	.5	.2	.1	34.6	18.5	4.4	26.6	39.5	32
Illinois	8,376,624	15.7	1.9	.4	.1	.2	19.6	12.5	13.8	26.3	41.4	27
Indiana	3,956,181	11.3	1.9	.3	.1	.1	24.7	14.4	8.1	24.0	36.6	36
Iowa	2,068,807	8.9	1.5	.3	.2	.0	24.1	14.2	2.9	20.0	30.4	49
Kansas	1,733,656	9.3	1.9	.4	.2	.1	27.0	15.0	6.6	23.8	35.4	38
Kentucky	2,665,915	11.5	2.7	.5	.2	.2	26.4	16.4	10.1	27.4	41.1	26
Louisiana	3,091,112	11.9	2.2	.3	.3	.1	30.0	16.8	19.2	32.7	48.5	13
Maine	827,601	14.7	3.2	.3	.3	.0	25.0	17.5	3.1	25.4	39.6	34
Maryland	3,222,869	13.4	4.0	.4	.2	.0	20.1	13.5	11.4	26.6	40.3	30
Massachusetts	4,306,996	15.6	1.8	.3	.1	.1	17.5	11.2	4.6	20.4	33.4	47
Michigan	6,623,820	17.8	2.1	.5	.1	.1	22.1	15.4	13.4	28.8	45.7	18
Minnesota	2,964,888	9.8	1.8	.3	.1	.3	21.6	13.6	2.6	19.6	30.1	50
Mississippi	1,784,641	10.2	2.6	.4	.3	.1	34.5	13.1	16.7	32.5	46.9	17
Missouri	3,593,316	10.5	1.6	.7	.2	.1	25.4	15.7	12.4	26.6	39.9	31
Montana	582,553	12.9	3.5	.5	.3	.3	40.8	20.2	6.1	34.0	49.9	11
Nebraska	1,127,989	9.5	1.7	.4	.2	.1	23.8	12.8	4.2	20.9	31.5	48
Nevada	662,289	22.1	5.1	.6	.2	.2	35.1	29.5	15.3	43.0	66.5	3
New Hampshire	700,930	14.1	1.9	.3	.1	.1	22.7	15.0	1.9	21.6	34.6	45
New Jersey	5,541,342	17.9	1.9	.3	.2	.0	16.7	9.5	7.4	22.2	36.5	39
New Mexico	973,897	17.5	9.2	.9	.7	.0	46.8	23.4	14.4	49.1	70.2	1
New York	13,067,925	22.5	3.3	.2	.1	.0	15.5	10.1	13.9	28.0	45.9	19
North Carolina	4,478,558	13.1	6.0	.6	1.0	1.9	28.8	15.4	12.4	35.8	50.8	7
North Dakota	476,438	10.5	3.1	.7	.1	.0	24.3	14.8	2.3	22.4	33.7	46
Ohio	7,837,714	12.7	1.6	.4	.1	.1	20.6	14.9	7.6	22.6	35.5	42
Oklahoma	2,292,811	11.1	4.4	.5	.2	.2	33.4	17.2	11.4	32.6	47.1	16
Oregon	1,939,673	14.7	3.2	.4	.2	.0	28.5	18.3	5.6	28.1	43.2	22
Pennsylvania	8,814,592	14.2	1.8	.3	.1	.1	19.9	14.3	7.0	22.6	36.0	40
Rhode Island	712,300	15.7	5.1	.6	.3	.2	14.3	13.3	4.8	23.4	36.5	37
South Carolina	2,353,866	12.3	4.2	1.4	.5	.5	33.5	13.7	13.7	34.8	49.8	10
South Dakota	489,063	12.0	3.3	.7	.3	.2	32.6	15.3	4.4	28.2	41.7	23
Tennessee	3,420,900	10.5	2.9	.6	.2	.2	29.6	16.1	12.7	29.9	43.7	20
Texas	10,987,505	11.3	1.5	.4	.1	.2	31.7	16.4	19.5	32.6	48.3	14
Utah	1,015,890	8.7	1.6	.5	.2	.1	26.7	18.8	4.3	22.9	34.4	43
Vermont	379,313	12.2	2.2	.2	.4	.3	26.7	18.5	2.9	24.4	37.6	35
Virginia	4,134,837	12.3	3.2	.4	.4	1.3	21.4	16.6	10.3	27.5	41.1	25
Washington	3,128,350	13.1	2.7	.3	.2	.1	25.5	17.0	6.2	25.7	39.5	33
West Virginia	1,408,600	13.9	2.5	.9	.2	.1	30.2	15.8	8.0	29.0	43.8	21
Wisconsin	3,408,936	10.9	3.1	.5	.2	.1	22.3	15.9	3.9	22.7	34.4	44
Wyoming	350,834	10.5	3.1	.6	.3	.2	42.4	24.9	6.8	34.5	50.2	9
United States Total	169,935,384	14.9	2.7	.5	.2	.2	24.7	15.2	11.5	28.5	43.8	

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Alabama	3,950,120	9.4	2.2	0.4	0.3	0.2	26.8	11.0	12.3
Autauga	33,274	9.0	1.2	.0	.0	.0	32.5	15.6	7.8
Baldwin	83,375	10.8	2.4	.7	.2	.0	31.4	14.4	8.4
Barbour	24,986	14.4	4.8	.0	.8	.0	29.6	18.4	15.2
Bibb	15,914	10.1	1.3	.0	.0	.0	47.8	12.6	16.3
Blount	36,685	8.7	.0	.0	.5	.0	34.9	13.6	5.5
Bullock	10,584	9.4	1.9	3.8	.0	.0	18.9	9.4	15.1
Butler	21,760	6.4	.9	.0	.0	.0	27.6	11.9	11.9
Calhoun	122,304	8.7	2.3	.5	.7	.0	18.0	11.1	11.0
Chambers	39,619	7.6	1.5	1.5	.0	.0	21.2	15.6	12.6
Cherokee	18,953	9.5	3.2	.0	.0	.0	53.8	8.4	8.4
Chilton	30,572	11.1	.0	.7	.0	.0	30.1	19.0	8.5
Choctaw	16,759	7.2	2.4	.0	1.2	.0	47.7	9.5	10.7
Clarke	28,134	7.1	1.4	.0	.0	.0	43.4	12.8	9.2
Clay	13,485	7.4	4.4	1.5	1.5	.0	48.9	19.3	5.9
Cleburne	12,812	9.4	7.8	.0	.0	.0	37.5	14.0	21.9
Coffee	39,434	2.5	1.5	1.0	.5	.0	26.9	10.1	10.7
Colbert	54,544	7.3	.4	.0	.4	.0	22.4	9.5	7.0
Conecuh	15,584	6.4	1.3	.0	.0	.0	41.1	6.4	15.4
Coosa	11,145	5.4	.0	1.8	.0	.0	44.9	19.7	17.9
Covington	36,859	12.5	1.1	.5	1.6	.0	32.0	15.7	8.7
Crenshaw	13,772	13.1	5.8	.0	1.5	.0	37.8	8.7	11.6
Cullman	63,168	4.7	.3	.6	.0	.0	35.8	11.7	4.7
Dale	48,090	7.5	.0	.4	.0	.0	22.5	7.9	6.7
Dallas	53,849	9.3	3.0	.0	.4	.0	20.4	7.1	11.5
De Kalb	53,708	10.8	.7	.7	.0	.0	32.8	11.2	9.3
Elmore	45,044	8.0	.9	.0	.0	.0	34.2	12.4	12.9
Escambia	37,202	11.3	3.8	1.1	.5	.0	28.0	11.8	16.1
Etowah	102,752	9.5	1.6	.2	.4	.2	23.4	11.5	13.8
Fayette	18,861	6.4	.0	.0	.0	.0	37.1	8.5	7.4
Franklin	28,427	8.4	.7	.7	.0	.0	40.8	12.7	7.7
Geneva	23,907	12.5	.8	.8	.0	.0	37.6	12.5	9.2
Greene	10,939	14.6	1.8	.0	1.8	.0	32.9	9.1	21.9
Hale	15,314	3.9	.0	.0	.0	.0	27.4	6.5	11.8
Henry	14,981	16.0	.0	.0	1.3	.0	33.4	16.0	12.0
Houston	77,258	11.4	1.0	.3	.0	.0	30.5	8.8	8.3
Jackson	51,243	6.2	.8	2.0	.4	.0	32.8	9.4	6.6
Jefferson	672,671	11.7	4.2	.3	.5	.6	19.4	11.6	18.4
Lamar	16,318	12.3	1.2	.0	.0	.0	49.0	17.2	2.5
Lauderdale	81,861	6.1	2.4	1.7	.2	.7	25.4	7.8	7.6
Lawrence	30,637	3.9	1.3	.0	.0	.7	41.8	5.9	16.3
Lee	78,020	8.2	2.8	.3	.3	.0	18.5	6.9	9.0
Limestone	47,401	3.4	.8	.4	.0	.0	25.3	11.0	5.9
Lowndes	12,975	6.2	1.5	.0	.0	.0	47.8	1.5	18.5
Macon	26,347	7.6	.8	.0	1.5	.0	29.6	2.3	18.2
Madison	211,018	8.3	.9	.2	.2	.0	21.6	13.2	8.6
Marengo	24,691	7.3	.0	.0	.0	.0	37.3	4.1	4.9
Marion	30,730	5.2	.7	.7	.0	.0	35.8	11.7	4.6
Marshall	67,880	10.6	4.1	.6	.9	.0	32.4	19.2	5.9
Mobile	369,721	10.9	3.1	.5	.2	.1	24.5	11.4	18.1
Monroe	22,366	8.9	1.8	.0	.9	.0	43.8	10.7	17.0
Montgomery	204,262	11.5	2.4	.5	.4	.0	18.3	7.6	14.6
Morgan	93,137	5.6	.6	.2	.0	.0	24.1	11.8	9.7
Perry	14,814	2.7	.0	.0	.0	1.4	20.3	6.8	14.9
Pickens	21,644	.9	.0	.0	.0	.0	40.7	7.4	3.7
Pike	27,472	16.7	2.9	.0	.0	.0	32.8	3.6	13.8
Randolph	20,045	13.0	6.0	1.0	.0	.0	46.9	8.0	19.0
Russell	47,532	17.7	7.6	1.3	.0	.0	26.9	14.7	17.3

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking 8ased on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Alabama............	13.2	4.7	1.1	0.4	0.5	19.3	26.2	38.2	-	-	-	-
Autauga..........	11.4	6.6	.6	.0	.0	16.8	25.3	37.8	64	38	38	36
Baldwin..........	13.4	5.3	1.0	.2	.7	19.9	27.8	41.0	74	30	52	19
Barbour..........	19.2	11.2	.0	.8	.8	29.6	34.8	51.5	91	7	82	4
8ibb.............	10.1	1.3	.0	.0	.0	11.3	35.6	51.2	91	6	12	55
8lount...........	10.4	1.6	.0	.5	.0	11.4	24.1	35.9	57	44	13	54
8ullock..........	15.1	3.8	3.8	.0	.0	22.7	26.5	37.8	66	37	63	13
Butler...........	13.8	4.6	.0	.0	.9	19.3	23.1	33.7	51	48	49	21
Calhoun..........	12.4	4.6	.7	.7	.7	18.5	21.9	32.3	45	54	46	23
Chambers.........	14.6	2.0	2.0	.0	3.0	21.7	24.1	35.3	57	45	60	16
Cherokee.........	12.7	4.2	.0	.0	.0	16.9	35.3	49.2	90	11	38	35
Chilton..........	16.4	1.3	.7	.0	.0	17.0	25.6	39.6	68	35	39	34
Choctaw..........	9.5	4.8	.0	2.4	.0	15.5	33.5	46.1	86	13	31	40
Clarke...........	8.5	2.1	.0	.0	.0	10.7	29.5	41.8	77	26	10	57
Clay.............	8.9	11.9	1.5	1.5	.0	22.2	37.7	51.3	92	4	61	14
Cleburne.........	10.9	7.8	.0	.0	.0	18.7	40.5	55.7	95	2	47	22
Coffee...........	7.1	1.5	2.0	1.0	.5	12.2	22.4	30.3	41	56	16	53
Colbert..........	10.3	2.9	.4	.4	.7	13.6	18.3	27.5	25	65	22	49
Conecuh..........	15.4	10.3	.0	1.3	.0	25.7	29.7	41.4	77	27	72	10
Coosa............	9.0	7.2	1.8	.0	.0	17.9	35.2	49.5	90	10	43	27
Covington........	19.0	6.0	.5	2.2	.0	26.6	29.0	43.5	79	23	75	8
Crenshaw.........	17.4	14.5	1.5	1.5	.0	34.9	35.7	50.3	91	8	89	3
Cullman..........	7.6	1.3	.9	.0	.0	9.8	22.5	31.8	45	53	7	59
Dale.............	11.6	1.7	1.2	.0	.8	14.6	17.6	26.6	21	66	26	46
Dallas...........	13.0	4.5	.0	.4	.0	17.8	22.6	33.0	48	51	43	28
De Kalb..........	13.8	.7	1.1	.0	.0	16.0	26.3	39.2	68	34	33	38
Elmore...........	11.5	3.1	.4	.4	.0	14.7	27.1	39.4	70	32	27	44
Escambia.........	17.2	8.1	2.2	.5	.0	28.0	31.7	45.6	84	17	78	6
Etowah...........	13.8	3.7	.4	.4	.2	18.3	24.8	36.9	61	40	45	25
Fayette..........	9.5	4.2	1.1	.0	.0	14.8	23.4	33.6	52	47	28	43
Franklin.........	12.0	1.4	1.4	.7	.0	15.5	28.2	40.7	74	29	31	41
Geneva...........	19.2	2.5	.8	.8	.8	23.4	29.5	44.1	80	21	66	11
Greene...........	16.5	5.5	.0	1.8	.0	21.9	35.6	52.4	92	5	60	15
Hale.............	5.2	3.9	.0	.0	.0	7.8	20.0	28.2	31	63	3	65
Henry............	17.4	10.7	.0	1.3	.0	28.0	30.8	47.9	85	14	78	5
Houston..........	12.9	2.6	.8	.3	1.3	17.1	24.4	36.9	60	41	39	33
Jackson..........	8.6	3.1	2.0	.4	.4	13.7	24.4	34.1	55	46	22	48
Jefferson........	16.4	8.2	2.3	.7	.8	27.4	29.6	43.1	79	22	77	7
Lamar............	15.9	1.2	1.2	.0	.0	18.4	31.4	46.8	85	16	45	24
Lauderdale.......	10.3	4.2	2.0	.2	1.0	17.3	23.4	32.1	48	50	40	30
Lawrence.........	5.2	2.6	.7	.0	.7	8.5	30.0	40.4	76	28	4	62
Lee..............	12.3	3.8	.8	.3	.5	17.4	20.0	29.2	33	61	41	29
Limestone........	5.9	3.8	.8	.0	.0	11.0	18.3	25.7	21	67	11	56
Lowndes..........	7.7	1.5	.0	.0	.0	9.2	33.1	45.1	85	15	6	60
Macon............	9.9	6.1	.0	1.5	3.0	19.7	26.8	37.7	66	36	51	20
Madison..........	10.2	3.0	.5	.4	.8	13.7	20.5	31.1	39	58	23	47
Marengo..........	8.1	1.6	.0	.0	.8	10.5	21.7	31.3	42	55	10	58
Marion...........	5.2	1.3	.7	.7	.0	7.8	23.0	32.5	48	52	3	66
Marshall.........	13.0	5.9	1.2	1.2	.3	20.9	30.2	43.7	80	20	56	18
Mobile...........	16.9	5.4	.8	.4	.1	23.0	29.4	43.0	79	24	64	12
Monroe...........	10.7	3.6	.0	.9	.0	15.2	34.9	49.2	89	12	30	42
Montgomery.......	15.6	4.8	.6	.6	.1	21.2	24.1	36.1	58	43	57	17
Morgan...........	8.2	.6	.2	.0	.0	9.2	20.2	29.5	34	60	6	61
Perry............	4.1	2.7	.0	.0	1.4	8.1	19.3	26.7	25	64	4	64
Pickens..........	2.8	1.8	.0	.0	.0	4.6	20.7	27.5	31	62	0	67
Pike.............	21.1	4.4	1.5	.0	.7	26.2	30.8	46.4	84	18	74	9
Randolph.........	22.0	18.0	3.0	.0	1.0	42.9	42.5	59.2	96	1	96	1
Russell..........	23.1	12.2	3.8	.0	.8	39.6	38.4	56.4	94	3	94	2

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
St. Clair.........	43,215	6.9	1.4	0.5	0.0	0.0	29.2	10.6	13.9
Shelby............	71,078	6.5	1.1	.6	.0	.3	27.0	8.7	7.6
Sumter............	16,584	3.6	3.6	1.2	.0	.0	35.0	6.0	13.3
Talladega.........	75,406	9.5	.8	.5	.3	.0	31.0	10.3	8.5
Tallapoosa........	38,564	10.9	2.1	1.0	.0	.5	31.6	10.9	12.4
Tuscaloosa........	137,504	6.4	1.7	.3	.1	.0	23.6	9.9	8.7
Walker............	67,778	10.6	.3	.0	.3	.0	41.0	12.7	6.2
Washington........	16,972	9.4	.0	.0	.0	.0	51.8	7.1	17.7
Wilcox............	14,469	9.7	.0	.0	.0	.0	41.5	4.1	19.4
Winston...........	21,713	2.8	2.8	.0	.0	.0	40.5	9.2	2.8
Alaska.............	463,690	8.5	2.8	2.2	.1	.2	23.9	13.1	10.0
Arizona............	2,906,724	13.4	4.1	.4	.2	.1	29.9	17.1	8.8
Apache............	55,200	11.6	10.1	3.6	.0	.0	87.3	13.4	12.7
Cochise...........	90,000	12.4	2.7	.9	.2	.0	23.3	16.7	8.0
Coconino..........	79,218	13.6	1.8	1.8	.3	.3	35.1	14.1	8.1
Gila..............	38,054	27.9	6.8	1.1	.0	.0	39.4	15.2	14.2
Graham............	23,097	17.3	2.6	.9	1.7	.0	34.6	13.9	6.9
Greenlee..........	10,684	20.6	1.9	1.9	.0	.0	35.6	13.1	5.6
Maricopa..........	1,637,376	11.8	4.2	.1	.1	.1	26.0	16.5	8.5
Mohave............	62,656	23.9	4.1	.6	1.0	.0	47.2	27.8	7.0
Navajo............	68,936	20.9	7.5	1.2	.9	.3	51.9	18.6	12.2
Pima..............	557,437	12.7	2.2	.7	.1	.0	26.6	17.8	7.9
Pinal.............	93,846	19.2	6.6	.0	.6	.0	44.1	18.5	14.9
Santa Cruz........	21,224	15.1	1.9	.0	.0	.0	24.5	16.0	6.6
Yavapai...........	75,101	19.2	6.4	.0	.3	.0	36.0	26.1	4.0
Yuma..............	93,897	15.3	6.0	.2	.0	.2	34.5	16.2	12.6
Arkansas...........	2,318,389	7.9	.9	.3	.1	.1	24.8	12.2	9.6
Arkansas..........	23,936	13.4	.0	.0	.0	.0	18.4	14.2	11.7
Ashley............	26,609	11.3	.0	.0	.0	.0	18.8	7.5	17.3
Baxter............	28,564	15.4	3.5	.7	.0	.0	29.4	22.4	4.2
Benton............	81,768	8.6	.5	.5	.2	.0	29.6	15.2	4.2
Boone.............	26,747	3.0	1.5	1.5	.0	.0	38.9	9.0	2.2
Bradley...........	13,637	4.4	1.5	.0	.0	1.5	26.4	8.8	13.2
Calhoun...........	6,102	3.3	.0	3.3	.0	.0	13.1	13.1	16.4
Carroll...........	16,792	10.7	.0	.0	.0	.0	33.3	16.7	2.4
Chicot............	17,857	2.2	.0	1.1	.0	1.1	28.0	7.8	19.0
Clark.............	23,155	6.0	.0	.0	.0	2.6	24.2	8.6	11.2
Clay..............	20,332	9.8	.0	.0	.0	.0	49.2	13.8	3.9
Cleburne..........	17,921	6.7	.0	.0	.0	.0	25.7	13.4	2.2
Cleveland.........	7,999	2.5	.0	.0	.0	.0	37.5	10.0	5.0
Columbia..........	26,981	7.4	1.5	.7	.0	.0	28.9	9.6	14.8
Conway............	19,379	5.2	.0	1.0	.0	.0	32.0	15.5	9.3
Craighead.........	63,057	6.7	1.0	.6	.0	.0	21.9	11.1	3.8
Crawford..........	38,479	4.2	.5	.0	.0	.0	21.8	11.4	6.8
Crittenden........	49,819	8.8	.0	.0	.0	.0	27.3	8.8	17.3
Cross.............	20,636	8.7	.0	.0	1.0	1.0	18.4	11.6	8.7
Dallas............	10,573	3.8	.0	3.8	.0	.0	26.5	9.5	13.2
Desha.............	19,670	7.1	1.0	.0	.0	.0	35.6	14.2	12.2
Drew..............	18,022	4.4	1.1	.0	.0	.0	25.5	13.3	10.0
Faulkner..........	48,223	5.4	.0	.4	.4	.4	23.6	10.8	3.7
Franklin..........	15,109	5.3	1.3	.0	.0	1.3	25.2	13.2	6.6
Fulton............	10,142	3.9	.0	.0	.0	.0	19.7	3.9	7.9
Garland...........	72,434	14.6	.8	.8	.8	.3	18.5	14.9	9.1
Grant.............	13,094	3.1	.0	.0	.0	.0	32.1	10.7	6.1
Greene............	31,161	9.6	.6	.6	.0	.0	23.1	13.5	8.3

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
St. Clair	9.7	1.9	0.9	0.0	0.0	12.5	25.6	36.7	63	39	18	51
Shelby	10.7	2.3	.8	.3	.3	14.6	21.3	30.5	40	57	27	45
Sumter	8.4	6.0	1.2	.0	.0	15.7	28.4	37.5	69	33	32	39
Talladega	13.5	2.9	1.6	.3	.0	18.0	24.6	36.4	60	42	44	26
Tallapoosa	13.5	2.6	1.0	.0	1.0	17.1	29.4	42.7	78	25	39	32
Tuscaloosa	9.6	2.3	.3	.1	.1	12.5	20.8	30.0	37	59	18	50
Walker	13.9	1.8	.6	.6	.6	17.1	27.6	41.1	74	31	39	31
Washington	14.1	2.4	.0	.0	.0	16.5	35.4	50.4	90	9	36	37
Wilcox	9.7	2.8	.0	.0	.0	12.4	31.3	45.1	83	19	17	52
Winston	6.4	2.8	.0	.0	.0	8.3	24.1	32.0	50	49	4	63
Alaska	12.8	5.7	4.4	.3	1.8	24.0	26.1	37.3	-	-	-	-
Arizona	18.0	6.9	1.3	.2	.6	26.1	30.3	45.2	-	-	-	-
Apache	15.9	21.7	13.0	.0	1.1	50.0	63.8	84.1	99	1	98	2
Cochise	16.9	4.9	1.6	.2	.2	23.1	25.8	39.3	67	13	64	12
Coconino	16.2	4.8	3.5	.3	.5	24.0	31.0	46.0	83	10	68	11
Gila	36.8	16.8	3.2	.0	1.1	55.2	45.6	70.0	98	3	98	1
Graham	24.2	9.5	4.3	1.7	.0	37.2	32.9	49.6	88	9	92	8
Greenlee	28.1	7.5	1.9	.0	.0	39.3	32.4	50.6	89	8	94	6
Maricopa	15.3	6.2	.3	.1	.5	21.7	27.6	41.0	74	11	60	14
Mohave	33.5	6.7	2.2	1.0	.0	42.5	44.3	68.3	98	4	95	5
Navajo	27.3	14.5	5.5	.9	2.0	45.3	49.7	71.9	98	2	96	3
Pima	18.7	4.3	1.1	.1	.4	24.5	26.7	40.8	72	12	69	10
Pinal	24.3	10.4	1.3	.9	.0	35.4	44.4	65.3	97	5	90	9
Santa Cruz	17.9	2.8	.0	.0	.9	22.6	24.7	39.3	65	14	62	13
Yavapai	28.8	13.0	3.2	.3	.0	43.7	36.7	56.1	94	6	96	4
Yuma	22.8	10.0	3.4	.4	4.7	38.8	36.3	53.3	92	7	93	7
Arkansas	11.4	2.7	1.0	.3	.5	15.5	22.1	32.7	-	-	-	-
Arkansas	16.7	.8	2.5	.8	.0	20.9	21.5	35.2	51	33	56	10
Ashley	15.8	1.5	1.5	.8	.0	18.8	22.1	34.5	51	34	47	18
Baxter	23.8	8.4	1.4	.0	1.4	32.9	29.3	45.4	81	7	87	1
Benton	10.3	1.2	1.5	.2	1.0	13.9	22.2	33.3	48	37	23	37
Boone	5.2	6.0	3.0	.7	1.5	15.7	23.4	31.2	46	39	32	27
Bradley	10.3	5.9	1.5	.0	2.9	19.1	23.8	32.8	51	35	48	17
Calhoun	3.3	.0	3.3	.0	3.3	9.8	20.5	28.7	32	54	7	59
Carroll	19.1	2.4	1.2	.0	1.2	21.4	22.9	35.6	54	28	58	8
Chicot	10.1	2.2	2.2	.0	1.1	15.7	25.4	34.3	57	24	32	28
Clark	7.8	1.7	.0	.0	2.6	10.4	22.2	31.5	44	42	9	53
Clay	12.8	3.0	.0	1.0	.0	15.7	29.3	43.0	78	8	32	26
Cleburne	10.0	1.1	.0	.0	.0	10.0	17.3	26.3	20	65	8	55
Cleveland	2.5	.0	.0	.0	.0	2.5	21.1	29.2	35	51	0	75
Columbia	13.3	4.4	1.5	.0	.0	19.3	26.3	37.6	65	16	49	15
Conway	10.3	1.0	2.1	1.0	.0	14.4	24.0	34.6	55	27	26	35
Craighead	8.2	3.5	1.0	.0	2.2	14.6	17.5	26.1	20	66	26	33
Crawford	7.3	2.6	1.0	.0	1.0	11.4	16.9	24.6	15	72	13	49
Crittenden	10.0	.4	1.2	.0	.4	11.6	25.0	37.2	62	21	13	48
Cross	10.7	1.0	.0	1.0	1.0	13.6	19.7	29.9	33	53	22	39
Dallas	5.7	.0	3.8	.0	.0	9.5	24.6	33.4	54	30	6	63
Desha	14.2	1.0	.0	.0	.0	14.2	27.5	39.7	71	10	25	36
Drew	6.7	3.3	.0	.0	.0	10.0	21.0	30.2	38	49	8	57
Faulkner	9.1	.8	1.7	.8	.4	12.0	17.3	25.3	17	70	15	46
Franklin	6.6	4.0	.0	.0	1.3	11.9	21.1	30.1	38	48	15	47
Fulton	5.9	.0	.0	.0	.0	5.9	14.4	20.7	5	75	1	71
Garland	21.3	3.3	1.7	.8	.3	26.8	23.8	37.8	61	22	76	4
Grant	3.1	1.5	.0	.0	.0	4.6	19.7	27.8	29	56	0	73
Greene	13.5	1.9	.6	.0	.0	15.4	21.6	33.0	46	40	30	29

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Hempstead.........	23,444	8.5	0.0	0.0	0.9	0.0	29.9	11.9	12.8
Hot Spring........	26,954	6.7	2.2	.7	.0	.0	20.0	12.6	14.8
Howard............	13,482	.0	4.5	.0	.0	.0	32.6	20.8	5.9
Independence......	31,114	4.5	.6	.0	.0	.0	21.9	16.1	5.8
Izard.............	10,814	16.6	.0	.0	.0	.0	24.0	20.3	5.5
Jackson...........	21,570	10.2	1.9	.9	.9	.0	21.3	18.5	12.1
Jefferson.........	90,297	6.6	1.1	.2	.0	.0	16.6	8.9	15.9
Johnson...........	17,985	3.3	.0	.0	.0	.0	31.1	10.0	2.2
Lafayette.........	10,104	5.9	5.9	2.0	.0	.0	47.5	5.9	23.8
Lawrence..........	18,359	6.5	.0	.0	.0	.0	29.4	5.4	6.5
Lee...............	15,532	3.9	2.6	.0	.0	.0	27.0	9.0	10.3
Lincoln...........	13,269	7.5	.0	1.5	.0	.0	16.6	12.1	6.0
Little River......	14,149	4.2	.0	1.4	.0	.0	35.3	12.7	14.1
Logan.............	20,410	3.9	2.0	.0	.0	.0	21.6	7.8	3.9
Lonoke............	35,803	6.1	.6	.0	.0	.0	19.0	8.9	10.1
Madison...........	11,526	5.2	.0	.0	1.7	.0	38.2	20.8	6.9
Marion............	11,897	8.4	.0	.0	.0	.0	31.9	13.4	3.4
Miller............	38,438	12.5	.5	.5	.0	.0	25.0	15.1	12.5
Mississippi.......	59,403	9.4	2.0	.0	.0	.0	26.6	11.8	11.4
Monroe............	13,693	7.3	1.5	1.5	1.5	.0	27.8	4.4	5.8
Montgomery........	7,740	2.6	.0	2.6	.0	.0	56.8	5.2	2.6
Nevada............	11,041	7.2	.0	.0	.0	.0	23.5	19.9	7.2
Newton............	7,942	2.5	5.0	.0	.0	.0	20.1	10.1	5.0
Ouachita..........	31,915	11.3	1.9	.0	.0	.0	30.7	11.3	8.1
Perry.............	7,616	5.3	.0	2.6	.0	.0	47.3	31.5	7.9
Phillips..........	34,299	5.8	2.9	.0	.0	.0	22.7	12.8	18.7
Pike..............	10,229	7.8	2.0	.0	.0	.0	27.4	11.7	5.9
Poinsett..........	26,570	12.0	1.5	.8	1.5	.0	26.3	9.8	9.0
Polk..............	17,229	1.2	1.2	.0	.0	.0	29.0	9.3	5.8
Pope..............	40,509	7.4	1.0	.5	.0	.0	25.2	9.4	4.9
Prairie...........	10,096	7.9	2.0	.0	.0	.0	25.8	11.9	11.9
Pulaski...........	345,363	8.6	.8	.3	.0	.1	18.4	13.7	14.2
Randolph..........	16,669	1.2	1.2	.0	.0	.0	21.6	22.8	4.8
St. Francis.......	31,154	8.3	1.3	.0	.0	.6	28.9	7.7	9.6
Saline............	54,503	5.9	.7	.0	.4	.0	23.5	9.2	8.4
Scott.............	9,811	6.1	.0	.0	.0	.0	26.5	10.2	6.1
Searcy............	8,873	11.3	.0	.0	.0	.0	54.1	11.3	13.5
Sebastian.........	96,477	8.3	.0	.0	.2	.0	20.3	11.0	6.8
Sevier............	14,149	4.2	.0	.0	.0	.0	38.2	15.5	7.1
Sharp.............	14,976	5.3	.0	.0	1.3	.0	38.7	14.7	1.3
Stone.............	9,377	6.4	.0	.0	.0	.0	23.5	10.7	2.1
Union.............	49,210	12.6	3.3	.0	.0	.0	31.7	11.4	13.4
Van Buren.........	14,085	14.2	1.4	1.4	1.4	.0	25.6	15.6	14.2
Washington........	102,223	9.2	.4	.2	.2	.0	26.0	12.3	4.3
White.............	51,523	3.5	.4	.4	.0	.4	24.5	12.8	5.4
Woodruff..........	10,912	11.0	5.5	1.8	.0	.0	34.8	7.3	7.3
Yell..............	17,458	9.2	.0	.0	.0	.0	25.2	8.0	11.5
California..........	24,903,472	16.6	2.1	.4	.1	.2	22.0	14.5	11.7
Alameda...........	1,148,310	17.1	2.7	.5	.2	.1	15.9	14.4	9.8
Alpine............	1,157	.0	.0	.0	.0	.0	17.3	.0	17.3
Amador............	20,968	14.3	2.9	.0	.0	.0	59.1	15.3	5.7
Butte.............	151,891	13.4	1.3	.7	.1	.0	30.4	17.5	4.6
Calaveras.........	23,452	24.7	1.7	.0	.0	.0	43.5	19.6	6.8
Colusa............	13,706	17.5	2.9	.0	.0	.0	30.6	23.3	5.8
Contra Costa......	681,990	16.2	2.0	.1	.1	.4	18.2	14.3	8.7
Del Norte.........	18,390	10.9	.0	2.2	.0	.0	32.6	16.3	14.1
El Dorado.........	93,235	12.0	1.1	.6	.4	.9	31.5	12.9	6.4
Fresno............	543,654	14.0	1.3	.9	.1	.2	33.5	11.7	15.0

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Hempstead.........	12.8	1.7	0.0	0.9	0.0	15.4	25.3	37.4	63	20	30	30
Hot Spring........	14.1	4.5	1.5	.0	.7	20.8	23.6	34.1	53	32	55	11
Howard............	3.0	7.4	.0	.0	.0	8.9	25.1	33.2	54	29	5	65
Independence......	6.4	1.3	.6	.0	.6	7.7	17.6	26.1	20	63	3	69
Izard.............	16.6	.0	.0	.0	.0	16.6	23.6	39.6	64	19	37	23
Jackson...........	15.8	2.8	2.8	.9	.9	22.3	26.2	39.3	68	12	61	5
Jefferson.........	9.3	3.5	.2	.4	.0	13.1	20.3	29.9	35	52	20	41
Johnson...........	7.8	1.1	.0	.0	1.1	10.0	17.5	24.8	17	71	8	56
Lafayette.........	7.9	7.9	2.0	.0	.0	17.8	42.7	56.1	95	1	43	20
Lawrence..........	9.8	.0	1.1	.0	.0	10.9	19.2	28.0	28	57	11	52
Lee...............	7.7	3.9	2.6	.0	5.2	16.7	22.2	30.5	41	46	37	22
Lincoln...........	7.5	.0	1.5	.0	.0	9.0	16.8	25.8	17	69	5	64
Little River......	7.1	1.4	2.8	.0	.0	9.9	27.2	37.9	67	14	8	58
Logan.............	4.9	4.9	.0	.0	1.0	9.8	16.0	22.5	10	74	7	60
Lonoke............	7.3	1.1	1.1	.0	.0	9.5	17.6	26.2	20	62	6	62
Madison...........	8.7	3.5	.0	1.7	.0	13.9	27.3	39.1	70	11	23	38
Marion............	10.1	1.7	.0	.0	.0	10.1	21.1	32.0	42	45	8	54
Miller............	17.7	3.6	.5	.5	.0	21.9	25.5	39.7	68	13	60	7
Mississippi.......	15.8	4.7	.7	.3	.0	21.2	24.8	36.8	61	23	57	9
Monroe............	16.1	13.1	1.5	2.9	.0	30.7	22.7	31.4	45	41	84	3
Montgomery........	5.2	.0	2.6	.0	.0	7.8	29.8	38.7	73	9	3	68
Nevada............	14.5	.0	.0	.0	.0	14.5	20.3	31.4	39	47	26	34
Newton............	5.0	7.6	.0	.0	.0	12.6	18.9	25.1	21	61	18	43
Ouachita..........	13.2	3.1	1.9	.0	.0	18.2	25.5	38.3	65	17	44	19
Perry.............	5.3	.0	7.9	.0	.0	13.1	34.6	49.4	89	3	20	40
Phillips..........	6.4	3.5	.6	.0	1.2	11.1	26.2	37.2	65	18	11	51
Pike..............	7.8	2.0	.0	.0	.0	9.8	21.8	32.0	44	43	7	61
Poinsett..........	13.5	3.8	1.5	1.5	.0	19.6	26.0	38.6	66	15	50	14
Polk..............	3.5	1.2	.0	.0	.0	4.6	18.4	24.8	19	67	0	72
Pope..............	10.9	2.0	.5	.0	.0	12.8	19.3	28.5	30	55	19	42
Prairie...........	15.8	4.0	.0	.0	.0	19.8	24.0	35.2	56	25	51	13
Pulaski...........	11.8	2.6	1.0	.2	.5	16.0	21.8	33.2	47	38	33	25
Randolph..........	2.4	1.2	.0	.0	.0	3.6	17.6	25.3	18	68	0	74
St. Francis.......	13.5	3.2	1.3	.0	.6	17.3	23.5	34.2	53	31	40	21
Saline............	9.2	1.1	.7	.7	.4	12.1	19.2	27.9	28	58	16	45
Scott.............	8.2	4.1	.0	.0	.0	12.2	18.6	27.5	25	59	16	44
Searcy............	11.3	.0	.0	.0	.0	11.3	36.0	52.2	92	2	12	50
Sebastian.........	14.9	2.3	.8	.2	.8	19.1	17.6	27.3	22	60	48	16
Sevier............	7.1	.0	.0	.0	.0	7.1	24.2	34.5	55	26	2	70
Sharp.............	14.7	1.3	.0	1.3	.0	16.0	23.4	33.2	51	36	34	24
Stone.............	8.5	.0	.0	.0	.0	8.5	15.6	23.8	11	73	5	66
Union.............	21.1	8.5	2.0	.4	.0	31.7	30.3	44.8	81	5	85	2
Van Buren.........	15.6	1.4	1.4	1.4	.0	19.9	30.6	46.2	83	4	52	12
Washington........	11.9	2.3	1.2	.2	.2	15.3	20.0	30.6	36	50	30	31
White.............	5.8	.8	.8	.0	.8	7.8	18.0	25.7	20	64	3	67
Woodruff..........	12.8	5.5	3.7	.0	.0	22.0	31.4	43.6	81	6	61	6
Yell..............	10.3	2.3	.0	.0	.0	14.9	21.3	32.4	44	44	28	32
California..........	25.4	5.8	1.0	.2	2.2	33.5	27.2	43.1	-	-	-	-
Alameda...........	25.6	6.7	1.1	.3	11.7	43.6	24.7	39.8	66	46	96	6
Alpine............	17.3	17.3	.0	17.3	.0	34.6	15.4	20.2	6	58	89	18
Amador............	21.9	5.7	.0	.0	.0	27.7	39.3	57.1	95	9	78	44
Butte.............	22.4	3.7	1.1	.1	.5	27.4	26.1	40.4	70	43	77	46
Calaveras.........	40.9	3.4	.9	.0	.0	45.2	37.2	59.9	95	8	96	5
Colusa............	24.8	10.2	.0	1.5	.0	29.2	30.4	48.2	85	23	81	37
Contra Costa......	23.8	5.8	.7	.2	2.0	31.1	23.9	38.6	63	47	84	31
Del Norte.........	15.2	2.2	4.4	.0	.0	21.8	30.2	44.9	81	28	60	55
El Dorado.........	19.7	3.4	4.9	.4	6.2	29.8	26.8	40.0	71	40	82	34
Fresno............	22.6	4.2	2.3	.2	13.6	40.9	31.7	47.4	85	22	95	8

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide
Glenn.............	22,177	16.2	3.6	0.0	0.0	0.0	60.4	15.3	9.0
Humboldt..........	109,974	16.7	1.8	.5	.0	.2	37.1	15.8	7.3
Imperial..........	98,493	22.1	2.2	.6	.2	.4	37.2	12.6	10.8
Inyo..............	18,112	22.1	7.7	.0	.0	.0	50.8	33.1	6.6
Kern..............	438,597	14.4	1.8	.6	.2	.0	36.2	15.9	13.5
Kings.............	79,247	11.4	1.3	.3	.5	.0	42.7	9.3	8.1
Lake..............	41,547	24.6	3.4	1.0	.0	.5	43.3	28.9	6.7
Lassen............	23,031	15.6	1.7	1.7	.0	.0	40.8	23.4	6.1
Los Angeles.......	7,786,685	18.4	2.8	.5	.1	.0	18.4	13.7	19.1
Madera............	68,794	14.5	2.0	1.2	.3	.0	40.1	12.5	11.3
Marin.............	223,932	18.2	1.4	.2	.0	.3	15.5	18.3	6.0
Mariposa..........	12,078	8.3	.0	.0	.0	.0	51.3	13.2	5.0
Mendocino.........	69,458	20.2	1.7	.9	.6	.0	44.3	20.4	9.8
Merced............	145,416	11.7	1.1	.1	.1	.6	33.7	13.6	7.2
Modoc.............	9,130	13.1	6.6	.0	.0	.0	52.6	17.5	8.8
Mono..............	8,877	18.0	2.3	.0	.0	.0	38.3	22.5	2.3
Monterey..........	309,322	15.0	1.4	.8	.1	.1	25.3	12.9	7.9
Napa..............	101,023	15.0	.6	.0	.2	.4	26.3	16.4	4.2
Nevada............	59,065	11.2	1.7	.0	.0	.0	34.2	18.6	7.1
Orange............	2,023,497	12.3	.9	.5	.0	.1	17.9	13.3	5.7
Placer............	126,294	12.4	1.1	.2	.2	.3	25.0	16.0	4.4
Plumas............	18,015	13.3	4.4	.0	.0	1.1	43.3	23.3	6.7
Riverside.........	730,151	17.2	1.9	.3	.1	.1	32.4	17.0	11.8
Sacramento........	833,906	15.7	1.5	.4	.3	.0	22.0	16.0	9.9
San Benito........	27,355	13.2	.7	.0	1.5	.0	31.4	10.2	8.8
San Bernardino....	976,526	17.8	1.6	.3	.1	.2	30.7	13.6	11.1
San Diego.........	1,987,357	13.5	1.1	.3	.1	.6	20.7	15.0	7.6
San Francisco.....	701,078	35.1	4.7	.2	.2	.6	13.1	23.5	13.2
San Joaquin.......	377,580	18.4	2.6	.7	.3	.1	31.5	14.6	11.1
San Luis Obispo...	169,637	15.6	2.8	.0	.1	.1	23.3	17.6	6.4
San Mateo.........	600,174	20.1	1.4	.2	.1	.6	14.5	14.1	5.7
Santa Barbara.....	313,449	14.5	1.9	.3	.1	.1	20.8	16.2	5.8
Santa Clara.......	1,342,187	13.4	1.0	.3	.1	.0	17.8	13.0	6.1
Santa Cruz........	198,751	17.9	1.5	.6	.0	.3	24.1	16.3	6.8
Shasta............	122,112	19.5	4.7	.5	.3	.2	37.5	21.0	6.2
Sierra............	3,256	24.6	.0	.0	.0	.0	30.7	6.1	.0
Siskiyou..........	41,017	14.6	2.9	.5	.0	.0	34.6	15.1	4.9
Solano............	252,912	12.4	1.8	.2	.2	.2	19.8	13.8	6.7
Sonoma............	314,834	14.7	2.7	.4	.3	.4	29.8	16.1	5.5
Stanislaus........	284,055	13.7	1.5	.2	.1	.4	29.6	12.9	7.3
Sutter............	55,317	14.5	2.5	.4	.4	.4	28.2	14.5	7.6
Tehama............	41,112	15.6	1.9	.0	.0	.0	40.9	19.0	8.3
Trinity...........	12,600	22.2	1.6	.0	1.6	.0	41.3	25.4	14.3
Tulare............	261,607	14.5	1.8	.7	.1	.0	39.4	10.6	11.1
Tuolumne..........	36,765	14.7	1.6	.5	.0	.0	38.6	15.2	6.5
Ventura...........	561,433	11.1	1.5	.3	.1	.0	22.5	12.4	6.6
Yolo..............	117,321	17.9	1.5	.7	.3	.0	25.7	16.7	6.0
Yuba..............	51,463	14.4	2.3	.4	.0	.0	33.0	15.2	11.7
Colorado............	3,064,835	9.4	1.7	.4	.1	.3	22.2	17.2	5.9
Adams.............	261,892	7.9	.8	.4	.0	.2	23.0	15.7	6.0
Alamosa...........	12,180	14.8	.0	.0	.0	.0	14.8	18.1	4.9
Arapahoe..........	331,311	6.8	.7	.2	.1	.1	14.7	14.7	4.2
Archuleta.........	4,446	.0	4.5	4.5	.0	.0	49.5	27.0	4.5
Baca..............	5,274	.0	.0	.0	.0	.0	102.4	15.2	7.6
Bent..............	5,957	20.1	3.4	.0	.0	.0	30.2	30.2	6.7
Boulder...........	200,971	6.2	.9	.5	.0	.0	21.1	16.1	3.3
Chaffee...........	13,048	12.3	.0	.0	.0	.0	32.2	35.3	3.1
Cheyenne..........	2,309	17.3	.0	.0	.0	.0	34.6	.0	.0

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirr-hosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Per-centile)	Rank in State	Rank in U.S. (Per-centile)	Rank in State
							Mini-mum	Maxi-mum				
Glenn.............	22.5	8.1	0.9	0.0	0.9	31.6	42.9	62.5	97	4	85	26
Humboldt..........	26.4	6.2	1.1	.2	.5	35.1	31.6	48.6	86	21	90	15
Imperial..........	31.3	7.5	.6	.2	2.6	41.6	35.7	55.7	93	11	95	7
Inyo..............	35.3	17.7	1.1	.0	.0	50.8	47.9	72.1	98	1	98	3
Kern..............	26.7	4.7	.9	.4	.5	32.8	33.3	50.0	89	16	87	21
Kings.............	19.9	4.8	1.3	.8	2.5	28.5	30.3	44.0	81	29	80	40
Lake..............	38.0	7.2	2.9	.0	1.0	47.7	42.0	66.1	97	2	97	4
Lassen............	27.8	4.3	1.7	.0	.0	31.3	34.6	52.5	91	13	85	28
Los Angeles.......	27.0	7.9	.7	.2	.3	35.0	30.4	47.9	85	24	90	16
Madera............	21.8	4.1	1.7	.3	4.1	31.4	34.1	50.4	90	14	85	27
Marin.............	37.5	7.1	3.1	.0	9.2	52.8	22.3	38.0	59	49	98	2
Mariposa..........	14.9	.0	.0	.0	.0	14.9	29.9	43.2	80	31	28	58
Mendocino.........	31.1	4.3	1.7	.6	.6	38.6	38.7	59.6	95	7	93	11
Merced............	20.5	2.9	.6	.3	9.4	32.3	27.0	40.5	72	38	86	22
Modoc.............	19.7	6.6	.0	.0	.0	26.3	41.7	59.0	96	5	74	47
Mono..............	22.5	6.8	.0	.0	.0	24.8	31.3	49.5	87	19	70	50
Monterey..........	20.5	4.0	5.4	.2	.8	30.1	25.4	39.8	68	45	83	33
Napa..............	25.5	3.8	1.2	.2	1.6	31.1	23.7	38.2	62	48	84	29
Nevada............	14.9	3.4	.3	.0	.7	19.3	27.7	41.9	75	35	49	57
Orange............	19.2	2.4	.8	.1	1.8	24.2	19.5	31.3	37	57	68	52
Placer............	18.1	4.9	1.1	.2	1.1	23.1	22.6	35.5	54	53	64	53
Plumas............	20.0	12.2	1.1	.0	2.2	32.2	37.0	54.0	93	12	86	23
Riverside.........	25.8	5.1	.9	.3	2.0	33.3	31.9	49.7	87	18	87	20
Sacramento........	23.6	5.1	1.2	.4	1.0	30.6	25.8	41.1	71	39	83	32
San Benito........	18.3	2.9	.7	1.5	.7	22.7	27.0	40.8	72	37	63	54
San Bernardino....	26.2	4.3	.4	.2	1.3	31.6	30.3	47.5	84	26	85	25
San Diego.........	21.5	3.5	.7	.2	2.7	27.7	22.9	36.3	56	52	78	43
San Francisco.....	57.2	10.5	.6	.3	3.9	70.7	36.5	63.2	96	6	99	1
San Joaquin.......	28.8	7.8	1.7	.3	1.0	38.2	32.6	50.3	89	17	93	12
San Luis Obispo...	22.3	6.5	.4	.2	.4	28.9	25.8	40.8	70	41	80	38
San Mateo.........	31.3	5.4	.7	.1	5.3	40.6	22.1	37.9	57	50	94	9
Santa Barbara.....	23.2	5.9	1.5	.1	2.2	31.1	23.0	36.9	57	51	84	30
Santa Clara.......	20.5	2.8	1.1	.2	.7	24.9	19.9	32.3	40	56	70	49
Santa Cruz........	25.8	6.0	3.0	.0	1.0	35.3	26.3	42.6	74	36	90	14
Shasta............	29.5	8.2	1.3	.3	1.1	39.5	36.6	55.9	93	10	94	10
Sierra............	24.6	.0	.0	.0	.0	24.6	24.2	41.9	69	44	69	51
Siskiyou..........	20.5	6.8	1.0	.0	.0	25.8	29.3	44.4	80	30	73	48
Solano............	23.2	4.0	.5	.2	5.3	32.0	21.6	34.0	48	54	86	24
Sonoma............	22.3	6.1	1.3	.3	5.5	34.2	28.2	43.2	77	32	89	19
Stanislaus........	22.5	4.7	.7	.1	.9	28.0	26.2	40.3	70	42	78	42
Sutter............	24.2	5.1	.4	.4	1.1	28.6	27.9	42.5	76	33	80	39
Tehama............	20.9	7.8	.5	1.0	.0	29.7	33.2	50.7	89	15	82	35
Trinity...........	30.2	3.2	1.6	1.6	.0	34.9	41.4	64.7	97	3	90	17
Tulare............	20.6	5.6	1.2	.2	.8	27.5	32.3	48.2	87	20	77	45
Tuolumne..........	22.3	6.0	.5	.0	.5	29.4	30.5	46.4	83	27	81	36
Ventura...........	17.9	3.6	.5	.1	.2	21.7	21.5	33.2	46	55	59	56
Yolo..............	25.9	5.5	3.2	.3	3.2	37.2	26.9	43.2	76	34	92	13
Yuba..............	20.2	8.2	.8	.0	.0	28.4	31.0	47.0	84	25	79	41
Colorado............	13.5	4.8	1.0	.2	4.0	22.9	21.9	33.3	-	-	-	-
Adams.............	10.1	3.1	.5	.0	2.8	16.4	20.1	30.6	37	48	35	39
Alamosa...........	14.8	4.9	1.6	1.6	.0	21.3	18.2	31.7	34	51	58	24
Arapahoe..........	9.3	4.8	.4	.1	2.9	17.3	15.0	23.4	9	61	40	35
Archuleta.........	4.5	4.5	9.0	.0	.0	18.0	37.3	48.1	90	12	43	32
Baca..............	3.8	7.6	.0	.0	.0	11.4	49.6	64.7	98	1	12	54
Bent..............	23.5	6.7	3.4	.0	13.4	50.4	33.5	54.0	91	11	98	3
Boulder...........	8.1	2.5	.8	.1	.8	12.3	17.6	26.5	21	55	17	51
Chaffee...........	16.9	.0	1.5	.0	1.5	19.9	27.0	43.7	77	24	52	28
Cheyenne..........	17.3	.0	.0	.0	.0	17.3	21.7	34.8	50	41	40	36

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Clear Creek.......	7,379	8.1	0.0	0.0	0.0	0.0	40.7	29.8	0.0
Conejos...........	7,944	2.5	7.6	2.5	.0	2.5	42.8	15.1	5.0
Costilla..........	3,370	23.7	5.9	5.9	.0	.0	29.7	11.9	11.9
Crowley...........	3,064	13.1	6.5	.0	.0	.0	39.2	6.5	.0
Custer............	1,736	11.5	.0	.0	.0	.0	57.6	34.6	11.5
Delta.............	22,759	9.7	2.6	.0	.0	.0	36.0	18.5	2.6
Denver............	504,432	16.5	4.2	.5	.4	.3	17.1	22.2	14.5
Dolores...........	1,670	12.0	.0	.0	.0	.0	35.9	23.9	.0
Douglas...........	29,713	6.1	.0	.7	.0	.0	30.3	17.5	6.1
Eagle.............	14,950	4.0	1.3	.0	.0	.0	38.8	18.7	6.7
Elbert............	7,513	13.3	2.7	.0	.0	.0	18.6	18.6	5.3
El Paso...........	336,621	9.5	1.4	.4	.0	.4	20.6	15.9	4.5
Fremont...........	30,145	4.0	2.0	.7	.0	.0	26.5	25.9	8.6
Garfield..........	25,539	6.3	1.6	.0	.0	.0	37.6	14.1	1.6
Gilpin............	2,567	7.8	.0	.0	.0	.0	62.3	23.4	.0
Grand.............	8,131	2.5	.0	.0	.0	.0	34.4	14.8	.0
Gunnison..........	10,423	3.8	1.9	.0	.0	.0	30.7	7.7	1.9
Hinsdale..........	488	41.0	.0	.0	.0	.0	41.0	.0	.0
Huerfano..........	6,821	17.6	2.9	2.9	2.9	.0	29.3	32.3	5.9
Jackson...........	1,773	11.3	11.3	.0	.0	.0	45.1	22.6	.0
Jefferson.........	394,898	6.5	.6	.2	.1	.3	16.3	17.6	2.7
Kiowa.............	1,959	10.2	.0	.0	.0	.0	40.8	10.2	.0
Kit Carson........	7,755	2.6	2.6	.0	.0	.0	51.6	10.3	2.6
Lake..............	7,938	.0	.0	.0	.0	2.5	57.9	12.6	10.1
La Plata..........	29,575	14.2	2.0	.0	.0	.7	33.8	18.3	3.4
Larimer...........	158,865	5.0	1.0	.3	.0	.4	18.9	12.1	3.3
Las Animas........	14,798	31.1	.0	.0	.0	1.4	32.4	14.9	12.2
Lincoln...........	4,619	4.3	.0	.0	.0	.0	30.3	13.0	.0
Logan.............	19,863	6.0	2.0	.0	.0	.0	29.2	14.1	2.0
Mesa..............	88,605	6.1	1.8	.7	.0	.5	26.6	21.4	4.1
Mineral...........	814	.0	.0	.0	.0	.0	49.2	24.6	.0
Moffat............	13,575	8.8	2.9	1.5	.0	.0	23.6	16.2	2.9
Montezuma.........	18,072	12.2	4.4	.0	.0	.0	35.4	17.7	2.2
Montrose..........	25,096	12.0	1.6	.0	.0	.0	31.9	19.1	4.0
Morgan............	22,972	13.9	.9	.9	.0	.0	35.7	14.8	5.2
Otero.............	22,468	11.6	2.7	.9	.0	.0	35.6	16.0	4.5
Ouray.............	2,015	9.9	.0	.0	.0	.0	49.6	9.9	.0
Park..............	5,971	6.7	.0	.0	.0	.0	50.2	26.8	3.3
Phillips..........	4,571	4.4	.0	.0	.0	.0	43.8	4.4	.0
Pitkin............	10,436	1.9	1.9	.0	.0	.0	36.4	13.4	5.7
Prowers...........	13,780	4.4	1.5	1.5	1.5	1.5	31.9	17.4	2.9
Pueblo............	126,200	16.6	2.5	.8	.3	.8	27.7	17.0	5.4
Rio Blanco........	6,617	6.0	.0	3.0	.0	.0	33.2	27.2	6.0
Rio Grande........	11,055	12.7	7.2	.0	1.8	1.8	32.6	19.9	10.9
Routt.............	13,635	4.4	1.5	.0	.0	.0	32.3	7.3	1.5
Saguache..........	4,051	19.7	4.9	.0	.0	.0	54.3	9.9	14.8
San Juan..........	936	.0	.0	.0	.0	.0	42.8	42.8	21.4
San Miguel........	3,028	.0	.0	.0	.0	.0	26.4	19.8	.0
Sedgwick..........	3,256	12.3	.0	.0	.0	.0	18.4	.0	.0
Summit............	9,871	2.0	.0	.0	.0	.0	34.4	14.2	.0
Teller............	9,435	8.5	6.4	.0	.0	.0	36.0	23.3	8.5
Washington........	5,352	11.2	3.7	3.7	.0	.0	14.9	22.4	3.7
Weld..............	128,477	7.3	1.6	.3	.2	.2	28.8	13.7	4.8
Yuma..............	9,851	.0	.0	.0	.0	.0	34.5	8.1	2.0

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Clear Creek........	13.6	0.0	0.0	0.0	5.4	19.0	26.4	40.3	70	27	48	29
Conejos...........	2.5	15.1	5.0	.0	2.5	25.2	37.0	46.5	89	13	71	17
Costilla..........	23.7	11.9	5.9	.0	.0	41.5	42.0	62.1	97	3	95	5
Crowley...........	19.6	13.1	.0	.0	.0	26.1	29.6	42.1	78	20	74	16
Custer............	11.5	.0	.0	.0	.0	11.5	41.2	61.6	97	4	13	53
Delta.............	13.2	3.5	.0	.0	.9	17.6	26.7	39.4	69	30	42	33
Denver............	25.1	8.9	1.1	.6	13.6	48.1	30.5	47.6	85	17	97	4
Dolores...........	23.9	.0	.0	.0	.0	23.9	24.8	39.3	65	32	67	19
Douglas...........	9.4	.7	.7	.0	1.3	12.1	22.2	32.8	47	44	16	52
Eagle.............	5.4	4.0	1.3	.0	4.0	13.4	26.2	36.9	64	33	21	48
Elbert............	13.3	8.0	.0	.0	2.7	21.3	22.2	35.5	53	39	58	25
El Paso...........	12.8	3.7	.9	.1	.6	17.5	20.0	30.9	38	47	41	34
Fremont...........	7.3	6.6	4.6	.0	.0	18.6	24.7	35.6	58	37	46	30
Garfield..........	9.4	7.0	.8	.0	.0	16.4	23.5	33.7	52	40	36	38
Gilpin............	15.6	7.8	.0	.0	.0	23.4	34.1	49.1	89	14	65	20
Grand.............	4.9	.0	.0	.0	.0	4.9	18.4	26.0	22	54	0	59
Gunnison..........	7.7	3.8	.0	.0	1.9	13.4	18.8	25.9	22	53	21	46
Hinsdale..........	41.0	41.0	.0	.0	.0	41.0	34.0	60.7	94	6	95	6
Huerfano..........	20.5	2.9	5.9	2.9	8.8	35.2	37.5	56.7	94	7	90	9
Jackson...........	11.3	11.3	.0	.0	.0	22.6	39.4	54.3	94	8	62	22
Jefferson.........	8.9	2.1	.4	.2	2.4	13.7	15.3	24.1	11	59	22	45
Kiowa.............	20.4	.0	.0	.0	10.2	30.6	23.4	35.1	55	38	83	12
Kit Carson........	5.2	7.7	.0	.0	5.2	18.1	28.6	37.8	70	28	44	31
Lake..............	2.5	.0	2.5	.0	7.6	12.6	34.1	44.3	85	16	18	50
La Plata..........	16.9	6.8	2.0	.0	1.4	26.4	28.0	43.0	77	22	75	15
Larimer...........	8.6	2.9	.5	.0	3.0	14.5	15.6	23.0	10	60	26	43
Las Animas........	47.3	6.8	1.4	.0	1.4	52.7	36.4	61.4	95	5	98	1
Lincoln...........	8.7	13.0	.0	.0	4.3	21.6	17.1	25.0	16	57	59	23
Logan.............	10.1	7.0	1.0	.0	6.0	23.2	20.5	29.7	35	49	64	21
Mesa..............	10.4	4.7	1.1	.0	1.1	16.9	22.8	33.4	50	42	38	37
Mineral...........	.0	.0	.0	.0	.0	.0	25.6	35.2	59	36	...	...
Moffat............	8.8	4.4	1.5	.0	.0	14.7	22.6	33.2	49	43	27	42
Montezuma.........	19.9	16.6	4.4	1.1	3.3	37.6	28.9	42.7	78	21	92	8
Montrose..........	15.1	5.6	.0	.0	.0	20.7	25.6	39.5	67	31	55	27
Morgan............	20.0	5.2	1.7	.0	.9	27.0	27.9	42.7	76	25	76	14
Otero.............	20.5	11.6	2.7	.0	.9	33.8	28.6	42.2	77	23	88	10
Ouray.............	9.9	.0	.0	.0	.0	9.9	26.9	39.4	70	29	8	57
Park..............	6.7	.0	3.3	.0	3.3	13.4	30.8	45.1	82	18	21	47
Phillips..........	4.4	4.4	4.4	.0	.0	13.1	21.0	29.0	35	50	20	49
Pitkin............	1.9	3.8	3.8	.0	.0	9.6	23.4	31.7	47	45	6	58
Prowers...........	8.7	5.8	1.5	1.5	1.5	16.0	25.8	35.2	60	35	33	40
Pueblo............	24.4	6.5	2.7	.6	6.5	39.1	28.8	44.7	80	19	93	7
Rio Blanco........	12.1	.0	3.0	.0	.0	15.1	27.7	40.3	73	26	29	41
Rio Grande........	27.1	19.9	3.6	1.8	1.8	52.5	38.8	54.5	94	9	98	2
Routt.............	4.4	4.4	1.5	.0	.0	10.3	19.0	26.4	24	52	9	55
Saguache..........	19.7	14.8	.0	.0	.0	24.7	44.8	65.6	97	2	69	18
San Juan..........	.0	.0	.0	.0	.0	.0	36.6	52.2	92	10	...	...
San Miguel........	.0	.0	.0	.0	.0	.0	15.1	21.3	7	62	...	...
Sedgwick..........	18.4	.0	.0	6.1	.0	30.7	12.8	21.4	5	63	84	11
Summit............	4.1	.0	.0	.0	.0	4.1	18.1	25.4	20	56	0	60
Teller............	12.7	8.5	.0	.0	.0	21.2	33.6	47.6	87	15	57	26
Washington........	18.7	11.2	3.7	.0	.0	29.9	24.6	36.7	60	34	82	13
Weld..............	9.7	3.0	.8	.2	1.1	14.2	22.3	32.6	46	46	24	44
Yuma..............	4.1	2.0	2.0	2.0	.0	10.2	17.1	22.6	12	58	8	56

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Connecticut.........	3,135,090	12.4	2.8	0.2	0.1	0.0	16.3	8.7	4.5
Fairfield.........	812,097	13.2	2.4	.1	.1	.0	14.3	9.9	5.8
Hartford..........	813,733	12.5	3.9	.3	.2	.0	15.2	7.7	4.9
Litchfield........	158,065	12.1	2.0	.0	.0	.0	22.6	11.1	1.9
Middlesex.........	131,451	13.2	1.7	.2	.2	.0	20.7	9.3	1.8
New Haven.........	765,966	12.1	2.6	.2	.2	.0	14.2	7.6	4.8
New London........	243,128	12.2	3.1	.2	.2	.0	21.6	9.5	2.5
Tolland...........	116,839	7.5	1.0	.0	.0	.0	16.4	7.5	2.7
Windham...........	93,810	13.0	1.3	.0	.0	.0	28.4	10.9	1.9
Delaware...........	607,232	13.4	3.1	.5	.2	.0	20.4	10.9	5.5
Kent..............	100,489	8.4	2.4	.6	.0	.0	28.1	8.4	5.6
New Castle........	405,169	14.6	3.9	.4	.2	.0	16.0	12.0	5.3
Sussex............	101,575	14.0	1.0	.4	.4	.0	29.9	9.1	6.5
District of Columbia	632,299	32.2	4.9	.7	.1	.1	10.3	8.8	25.8
Florida............	10,507,731	16.3	3.2	.4	.2	.1	25.8	16.0	12.7
Alachua...........	161,029	8.1	3.9	.5	.1	.1	21.9	11.6	9.2
Baker.............	16,296	9.8	.0	.0	.0	.0	23.3	12.3	8.6
Bay...............	105,501	15.0	2.3	.9	.2	.2	22.0	12.7	8.9
Bradford..........	21,987	12.7	2.7	.0	.9	.0	26.4	19.1	15.5
Brevard...........	306,632	15.7	1.3	.7	.1	.1	26.3	14.8	7.0
Broward...........	1,063,628	17.1	3.8	.2	.1	.2	23.1	18.1	13.0
Calhoun...........	9,437	17.0	2.1	.0	.0	.0	46.6	10.6	10.6
Charlotte.........	67,963	23.8	1.2	.6	.0	.0	23.0	16.2	2.1
Citrus............	65,253	19.9	1.2	.3	.6	.0	40.8	20.2	6.7
Clay..............	75,805	7.9	1.6	.3	.3	.0	29.5	15.3	6.1
Collier...........	100,660	22.5	4.2	1.8	.6	.2	33.6	18.1	16.9
Columbia..........	37,569	13.8	1.6	1.1	.0	.0	38.3	10.6	13.8
Dade..............	1,697,914	15.8	6.6	.3	.1	.0	22.2	17.0	25.9
De Soto...........	20,131	7.9	5.0	.0	.0	2.0	42.7	13.9	11.9
Dixie.............	8,513	14.1	2.3	.0	.0	.0	61.1	14.1	18.8
Duval.............	596,542	22.9	1.9	.5	.4	.1	22.8	15.6	15.5
Escambia..........	248,944	11.9	2.0	.5	.2	.0	23.3	11.3	7.6
Flagler...........	13,639	19.1	1.5	.0	.0	.0	26.4	24.9	5.9
Franklin..........	7,975	15.0	5.0	.0	.0	2.5	20.1	12.5	10.0
Gadsden...........	42,699	6.6	6.6	.9	.0	.5	29.5	7.0	11.7
Gilchrist.........	6,532	6.1	3.1	.0	.0	.0	39.8	21.4	6.1
Glades............	6,337	25.2	.0	.0	.0	.0	69.4	18.9	31.6
Gulf..............	11,102	18.0	7.2	.0	.0	.0	41.4	10.8	9.0
Hamilton..........	9,077	17.6	4.4	.0	.0	.0	33.0	4.4	15.4
Hardee............	19,782	9.1	5.1	1.0	.0	1.0	50.5	14.2	16.2
Hendry............	20,564	10.7	1.0	1.0	.0	1.0	52.5	10.7	21.4
Hernando..........	58,087	19.6	.7	.0	.0	.0	42.0	18.2	5.9
Highlands.........	52,827	17.4	2.7	.0	.0	.0	37.9	14.0	8.3
Hillsborough......	697,059	14.5	3.8	.1	.2	.0	27.8	14.3	13.0
Holmes............	15,457	14.2	3.9	1.3	.0	1.3	37.5	18.1	10.4
Indian River......	68,591	19.0	2.3	.6	.6	.0	32.9	14.9	10.8
Jackson...........	40,260	15.9	2.0	.0	.0	.0	37.8	8.9	12.9
Jefferson.........	11,182	12.5	1.8	.0	1.8	.0	25.0	12.5	10.7
Lafayette.........	4,242	28.3	4.7	.0	.0	.0	37.7	37.7	9.4
Lake..............	115,494	17.3	6.6	.0	.3	.0	34.6	17.0	8.0
Lee...............	232,820	20.4	1.7	.6	.0	.1	27.1	17.6	10.7
Leon..............	157,942	6.5	3.2	.8	.1	.4	20.4	9.9	4.6
Levy..............	21,935	16.4	3.6	.0	.9	.0	31.9	25.5	7.3

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Connecticut.........	19.2	7.8	0.8	0.3	0.1	27.3	18.9	29.6	-	-	-	-
Fairfield.........	19.9	7.7	.7	.3	.1	27.7	18.9	30.3	33	5	78	3
Hartford..........	19.0	9.3	1.0	.4	.2	29.4	19.8	30.4	35	4	82	1
Litchfield........	20.0	7.1	.4	.0	.0	26.6	19.6	30.9	36	3	75	6
Middlesex.........	19.9	5.2	.8	.2	.0	25.6	18.8	30.1	32	6	72	7
New Haven.........	18.6	8.1	.9	.4	.1	27.0	17.7	27.9	24	7	76	4
New London........	19.7	6.7	.7	.4	.1	26.7	20.6	31.6	41	2	75	5
Tolland...........	12.7	3.6	.2	.0	.0	15.9	13.8	21.4	6	8	33	8
Windham...........	23.5	4.9	.9	.2	.0	28.8	21.6	33.9	48	1	80	2
Delaware............	19.6	9.1	1.0	.4	.1	29.7	22.7	35.0	-	-	-	-
Kent..............	16.1	7.2	1.6	.4	.0	24.7	22.5	32.5	47	3	69	3
New Castle........	20.2	10.6	.9	.4	.1	31.9	22.1	34.7	51	2	86	1
Sussex............	20.7	5.3	.8	.4	.0	26.0	24.9	38.4	64	1	73	2
District of Columbia	47.5	11.2	2.8	.3	.2	62.8	37.3	61.6	-	-	-	-
Florida.............	23.9	6.5	1.1	.3	.9	32.1	30.6	47.1	-	-	-	-
Alachua...........	11.3	6.2	3.4	.2	2.7	21.4	23.7	34.0	53	61	58	60
Baker.............	12.3	4.9	1.2	1.2	1.2	19.6	20.3	31.7	40	65	50	63
Bay...............	21.0	6.3	1.9	.2	9.1	36.6	25.7	39.9	68	56	91	17
Bradford..........	20.0	4.5	2.7	.9	3.6	28.2	31.0	46.7	84	34	79	45
Brevard...........	22.2	3.4	1.3	.3	1.3	27.7	25.9	41.0	71	53	78	50
Broward...........	24.7	6.4	1.2	.2	.3	32.2	30.7	47.7	85	33	86	34
Calhoun...........	21.2	4.2	.0	.0	8.5	33.9	35.8	53.6	92	14	88	27
Charlotte.........	33.0	3.2	1.2	.0	.0	37.4	25.4	43.9	75	48	92	13
Citrus............	29.7	4.3	1.8	.9	.0	35.6	34.6	54.5	92	15	90	22
Clay..............	12.1	2.9	.8	.3	.8	16.1	23.7	34.8	55	60	34	66
Collier...........	34.4	9.1	3.0	.6	.6	46.7	41.6	63.4	97	7	97	1
Columbia..........	17.6	4.8	2.1	.0	.0	24.0	33.1	48.9	88	29	67	57
Dade..............	24.1	10.9	.7	.3	.3	35.6	38.4	56.7	94	11	90	21
De Soto...........	19.9	10.9	2.0	.0	2.0	33.8	36.5	49.9	91	20	88	28
Dixie.............	21.1	7.0	.0	.0	2.3	30.5	45.4	65.4	97	5	83	40
Duval.............	30.9	5.8	.8	.6	.4	37.7	32.2	52.3	90	24	92	11
Escambia..........	18.6	5.1	1.8	.4	2.0	27.1	23.2	35.5	55	59	76	52
Flagler...........	23.5	4.4	.0	.0	.0	27.9	28.1	46.5	81	42	78	48
Franklin..........	17.6	5.0	7.5	2.5	2.5	35.1	29.3	43.5	79	44	90	23
Gadsden...........	10.8	12.2	1.9	.5	5.2	28.1	30.0	39.9	76	47	79	46
Gilchrist.........	6.1	3.1	3.1	.0	3.1	12.2	29.5	41.8	77	46	16	67
Glades............	28.4	3.2	3.2	.0	.0	34.7	58.1	88.0	99	1	89	25
Gulf..............	25.2	10.8	.0	.0	12.6	43.2	38.4	56.0	94	12	96	4
Hamilton..........	22.0	11.0	.0	.0	.0	33.0	33.6	50.2	89	27	87	32
Hardee............	13.1	11.1	3.0	.0	2.0	28.3	42.5	58.1	96	9	79	44
Hendry............	19.5	2.9	1.0	.0	1.0	24.3	41.6	58.6	96	10	69	56
Hernando..........	28.6	5.2	.3	.3	.0	33.4	32.8	52.1	90	22	88	31
Highlands.........	22.7	8.3	1.1	.4	.0	32.6	32.4	49.8	88	28	86	33
Hillsborough......	20.9	7.5	.3	.3	.1	28.6	30.6	46.1	83	38	80	43
Holmes............	24.6	7.8	1.3	.0	6.5	37.5	36.6	53.2	92	13	92	12
Indian River......	28.3	5.0	1.2	1.5	1.7	37.0	33.2	51.4	90	23	92	14
Jackson...........	23.8	6.0	.5	.0	6.5	36.3	32.2	48.7	87	30	91	20
Jefferson.........	14.3	10.7	3.6	1.8	5.4	32.2	26.8	40.2	71	52	86	35
Lafayette.........	28.3	9.4	.0	.0	4.7	42.4	44.1	71.6	98	4	95	5
Lake..............	26.5	11.1	.7	.3	.7	38.8	35.7	53.1	92	16	93	9
Lee...............	30.9	4.9	1.3	.0	.5	36.6	30.7	49.5	86	31	91	16
Leon..............	10.3	6.7	2.8	.4	6.5	25.1	19.8	27.9	29	67	71	55
Levy..............	24.6	7.3	3.6	.9	5.5	39.2	33.2	51.2	89	25	93	7

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Liberty	4,402	18.2	9.1	0.0	0.0	0.0	90.9	4.5	9.1
Madison	15,204	3.9	.0	1.3	.0	.0	22.4	13.2	18.4
Manatee	160,634	16.9	1.5	.4	.2	.0	29.1	15.2	9.1
Marion	142,044	13.4	4.1	.3	.4	.1	39.0	17.5	10.8
Martin	72,893	16.5	3.3	.3	.5	.0	28.3	17.0	6.9
Monroe	67,458	25.5	3.9	1.2	.0	.0	39.1	19.0	14.8
Nassau	36,005	17.8	2.8	.0	.0	.0	25.6	9.4	8.9
Okaloosa	122,407	9.3	2.1	.0	.0	.0	24.2	13.7	5.4
Okeechobee	23,073	17.3	6.9	.0	.0	.0	45.9	15.6	26.0
Orange	510,072	13.5	.9	.4	.3	.1	27.8	14.4	10.0
Osceola	61,770	12.3	.6	1.0	.0	.0	29.5	15.5	8.1
Palm Beach	644,360	16.8	2.5	.4	.2	.0	26.0	17.8	11.3
Pasco	214,518	19.1	2.1	.4	.1	.1	28.4	20.9	6.7
Pinellas	762,202	20.0	2.0	.3	.2	.2	18.6	17.8	5.5
Polk	342,487	13.7	2.2	.6	.4	.4	31.9	16.7	10.9
Putnam	54,424	17.6	2.6	.0	.0	.0	40.8	13.2	11.8
St. Johns	58,489	17.4	3.1	.7	.0	.0	30.1	13.7	8.5
St. Lucie	101,039	15.8	2.0	.6	.2	.0	36.0	10.3	15.2
Santa Rosa	60,465	9.9	1.0	.3	.7	.0	33.1	10.9	6.6
Sarasota	221,676	17.8	2.3	.5	.3	.1	19.0	17.2	5.3
Seminole	203,064	10.6	.7	.6	.2	.0	19.9	11.2	5.6
Sumter	26,372	12.1	5.3	.0	.0	.0	54.6	19.0	10.6
Suwannee	23,992	16.7	5.8	.8	.0	.0	31.7	14.2	11.7
Taylor	17,431	10.3	5.7	1.1	.0	.0	26.4	16.1	16.1
Union	10,572	20.8	1.9	.0	.0	.0	24.6	13.2	20.8
Volusia	282,978	21.0	2.6	.1	.1	.1	23.3	17.7	7.9
Wakulla	11,841	18.6	5.1	.0	.0	.0	27.0	8.4	5.1
Walton	23,245	6.0	3.4	.9	.0	.0	35.3	16.3	6.9
Washington	15,204	10.5	1.3	.0	.0	.0	25.0	7.9	7.9
Georgia	5,686,497	10.7	3.5	.8	.3	.4	26.0	12.2	12.8
Appling	15,869	13.9	1.3	.0	.0	.0	29.0	10.1	8.8
Atkinson	6,220	6.4	.0	.0	.0	.0	57.9	6.4	25.7
Bacon	9,390	8.5	.0	2.1	.0	.0	8.5	8.5	4.3
Baker	3,774	15.9	.0	.0	.0	.0	63.6	5.3	5.3
Baldwin	36,528	14.2	6.6	1.1	.5	.0	21.4	15.3	12.0
Banks	9,205	.0	.0	.0	.0	.0	43.5	6.5	2.2
Barrow	22,969	7.0	7.0	.0	.0	.9	40.1	13.9	16.5
Bartow	42,650	8.9	6.6	1.9	.0	.0	30.5	19.2	10.3
Ben Hill	16,506	10.9	2.4	1.2	1.2	1.2	25.4	10.9	7.3
Berrien	13,746	11.6	2.9	.0	1.5	.0	39.3	14.5	7.3
Bibb	153,946	14.6	3.2	1.0	.3	.1	21.8	14.6	14.8
Bleckley	10,731	7.5	5.6	1.9	.0	.0	26.1	9.3	5.6
Brantley	8,950	13.4	4.5	.0	.0	.0	44.7	15.6	11.2
Brooks	15,207	11.8	3.9	.0	1.3	.0	25.0	21.0	9.2
Bryan	11,054	19.9	1.8	.0	.0	.0	56.1	10.9	14.5
Bulloch	36,590	7.7	2.7	.5	.5	.5	21.9	7.7	7.7
Burke	20,028	6.0	6.0	2.0	.0	.0	40.9	7.0	20.0
Butts	14,433	8.3	4.2	1.4	1.4	.0	24.9	9.7	5.5
Calhoun	5,663	.0	.0	.0	.0	.0	42.4	3.5	3.5
Camden	15,527	6.4	1.3	1.3	.0	.0	33.5	5.2	12.9
Candler	7,625	10.5	10.5	.0	.0	.0	21.0	.0	7.9
Carroll	59,645	7.0	3.4	.0	.7	.0	26.5	11.1	12.1
Catoosa	37,728	7.4	.0	.0	.0	.0	19.1	9.5	6.4
Charlton	7,465	10.7	.0	.0	.0	.0	24.1	16.1	13.4
Chatham	208,993	20.8	2.9	.7	.1	.1	19.8	9.6	19.1
Chattahoochee	21,334	1.9	.0	.9	.0	.0	22.5	2.8	2.8
Chattooga	21,625	12.0	1.8	.0	.0	.0	27.7	13.9	7.4
Cherokee	58,502	6.8	1.0	1.0	.7	.0	33.5	11.3	6.8

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirr-hosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Per-centile)	Rank in State	Rank in U.S. (Per-centile)	Rank in State
							Mini-mum	Maxi-mum				
Liberty...........	18.2	13.6	4.5	0.0	9.1	45.4	59.9	82.0	99	2	96	2
Madison...........	9.2	5.3	2.6	2.6	5.3	22.4	23.6	33.6	52	62	62	59
Manatee...........	24.9	3.9	1.0	.4	.2	29.5	28.6	45.1	80	43	82	42
Marion............	22.7	8.9	8.4	.7	.1	39.7	35.4	51.7	91	19	94	6
Martin............	27.2	8.5	.3	.8	.5	36.5	29.4	45.4	81	41	91	19
Monroe............	32.6	11.0	1.2	.0	.3	43.6	42.7	66.5	97	6	96	3
Nassau............	24.4	3.9	.0	.0	.0	27.8	26.9	42.4	75	49	78	49
Okaloosa..........	13.7	3.4	.5	.2	.7	18.3	21.4	32.3	44	64	45	64
Okeechobee........	27.7	9.5	.9	.0	1.7	38.1	48.7	70.2	98	3	93	10
Orange............	22.3	3.1	1.0	.3	.5	26.3	26.5	41.0	72	50	75	53
Osceola...........	23.0	1.3	1.3	.3	.6	26.2	26.0	39.9	69	55	74	54
Palm Beach........	24.3	5.6	1.0	.3	.5	31.6	29.9	46.8	83	39	85	38
Pasco.............	26.9	4.2	.6	.1	.7	32.2	29.7	47.9	84	36	86	36
Pinellas..........	29.2	4.7	.6	.4	1.1	35.1	24.9	41.8	70	54	90	24
Polk..............	19.4	5.8	1.4	.5	.9	27.4	31.0	46.6	84	35	77	51
Putnam............	25.0	7.7	.7	1.1	.0	33.4	35.1	53.4	92	17	88	30
St. Johns.........	27.4	5.5	1.4	.0	.0	33.5	30.3	46.8	84	37	88	29
St. Lucie.........	22.4	7.7	.8	.2	1.6	31.5	33.6	50.5	89	26	85	39
Santa Rosa........	13.2	4.0	.7	1.7	2.0	20.8	25.2	37.2	63	58	56	61
Sarasota..........	28.1	4.5	1.1	.5	.8	34.6	24.4	39.9	66	57	89	26
Seminole..........	14.9	1.9	.9	.2	.5	17.8	19.1	29.9	32	66	43	65
Sumter............	18.2	7.6	1.5	.8	.8	28.1	42.0	59.6	96	8	79	47
Suwannee..........	22.5	12.5	1.7	.8	.8	36.7	35.1	52.0	91	18	91	15
Taylor............	16.1	10.3	2.3	.0	1.1	29.8	33.0	46.9	86	32	82	41
Union.............	22.7	5.7	3.8	.0	3.8	32.2	33.2	52.9	91	21	86	37
Volusia...........	30.9	4.9	.6	.1	.7	36.5	28.5	46.8	82	40	91	18
Wakulla...........	25.3	6.8	3.4	.0	5.1	38.8	28.1	43.4	78	45	93	8
Walton............	8.6	6.9	1.7	.0	3.4	19.8	28.1	39.2	71	51	51	62
Washington........	19.7	1.3	.0	2.6	2.6	23.7	21.4	32.5	44	63	67	58
Georgia.............	15.2	7.2	1.4	.5	1.0	24.3	28.8	41.7	-	-	-	-
Appling...........	20.2	5.0	.0	.0	.0	23.9	25.3	39.2	66	104	67	59
Atkinson..........	9.6	.0	3.2	.0	.0	12.9	40.3	55.6	95	11	19	134
Bacon.............	10.6	8.5	2.1	.0	.0	19.2	12.9	20.6	4	156	48	100
Baker.............	26.5	5.3	.0	.0	.0	26.5	36.8	54.2	93	20	75	40
Baldwin...........	23.5	18.1	5.5	1.1	2.7	47.1	31.7	46.4	85	56	97	1
Banks.............	2.2	2.2	.0	.0	.0	4.3	20.6	26.8	28	149	0	158
Barrow............	13.9	10.4	.0	.0	.9	23.5	38.1	51.4	92	25	66	61
Bartow............	11.7	10.3	2.3	.5	.9	25.8	33.6	46.8	87	49	73	50
Ben Hill..........	14.5	10.9	1.2	1.2	1.2	23.0	26.8	38.6	68	100	64	68
Berrien...........	14.5	4.4	.0	1.5	1.5	20.4	32.0	46.3	85	55	54	88
Bibb..............	18.7	8.7	1.8	.6	2.6	29.9	29.7	44.9	81	67	82	25
Bleckley..........	11.2	11.2	1.9	.0	.0	24.2	26.0	35.4	61	121	68	57
Brantley..........	22.3	6.7	.0	.0	.0	29.0	37.1	53.8	93	19	81	26
Brooks............	18.4	9.2	.0	1.3	.0	26.3	29.1	43.4	79	76	74	43
Bryan.............	19.9	7.2	.0	.0	.0	25.3	42.5	63.7	97	5	71	52
Bulloch...........	10.4	7.1	1.1	.5	1.1	18.0	21.8	31.0	42	140	44	110
Burke.............	10.0	9.0	4.0	.0	.0	23.0	38.4	50.7	92	26	64	69
Butts.............	16.6	8.3	2.8	1.4	.0	26.3	25.4	35.2	59	123	74	41
Calhoun...........	7.1	.0	.0	.0	3.5	10.6	20.2	26.0	25	150	10	145
Camden............	10.3	3.9	1.3	.0	.0	15.5	26.4	36.6	64	110	31	121
Candler...........	18.4	15.7	.0	.0	.0	34.1	27.3	36.6	65	106	89	14
Carroll...........	11.4	5.4	.0	.7	.3	17.1	25.9	36.6	63	114	39	111
Catoosa...........	10.6	1.1	.5	.0	.0	13.3	16.0	24.8	13	154	20	131
Charlton..........	16.1	10.7	.0	.0	.0	24.1	24.0	37.5	61	120	68	58
Chatham...........	28.0	5.2	1.0	.3	3.3	37.1	31.5	49.7	87	47	92	7
Chattahoochee.....	1.9	.0	.9	.0	.0	2.8	13.0	17.5	2	157	0	159
Chattooga.........	14.8	2.8	.9	1.8	.0	19.4	24.7	37.8	63	113	49	99
Cherokee..........	8.9	2.7	1.0	.7	.0	12.6	25.1	35.5	59	122	18	135

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Clarke............	75,636	9.0	1.1	1.9	0.0	0.3	20.6	7.9	8.7
Clay..............	3,443	23.2	.0	.0	.0	.0	29.0	40.7	11.6
Clayton...........	158,452	7.1	.8	.0	.0	.3	22.7	14.8	7.3
Clinch............	6,702	3.0	3.0	.0	.0	.0	41.8	6.0	14.9
Cobb..............	330,716	8.6	.8	.3	.1	.4	25.4	12.5	6.8
Coffee............	27,749	11.5	2.2	1.4	.0	.0	32.4	10.8	13.7
Colquitt..........	35,777	10.1	2.2	.0	.6	.6	25.7	14.0	8.9
Columbia..........	45,623	7.0	1.3	.0	.0	.4	22.4	8.8	6.1
Cook..............	13,641	7.3	2.9	.0	.0	.0	26.4	13.2	7.3
Coweta............	41,502	8.7	1.9	.0	.0	.0	38.1	14.5	14.5
Crawford..........	7,439	.0	5.4	.0	.0	.0	29.6	18.8	13.4
Crisp.............	19,954	11.0	2.0	2.0	.0	.0	27.1	11.0	11.0
Dade..............	11,907	6.7	1.7	.0	.0	.0	43.7	11.8	15.1
Dawson............	5,360	3.7	3.7	3.7	.0	.0	59.7	11.2	7.5
Decatur...........	26,019	11.5	5.4	.0	1.5	.0	35.4	8.5	11.5
De Kalb...........	496,547	9.9	1.8	.6	.2	.5	18.0	12.1	10.7
Dodge.............	16,974	13.0	1.2	.0	.0	.0	28.3	5.9	10.6
Dooly.............	10,662	7.5	5.6	.0	.0	.0	48.8	11.3	11.3
Dougherty.........	102,216	10.0	4.3	.4	.6	.2	22.3	11.7	16.6
Douglas...........	59,642	6.7	4.7	.7	.3	.0	24.8	14.8	9.4
Early.............	13,079	15.3	4.6	.0	.0	.0	35.2	7.6	22.9
Echols............	2,325	.0	.0	.0	.0	.0	8.6	17.2	8.6
Effingham.........	19,609	4.1	1.0	.0	.0	1.0	27.5	9.2	10.2
Elbert............	18,821	9.6	4.3	1.1	.0	.0	39.3	11.7	12.8
Emanuel...........	21,050	12.4	4.8	1.0	.0	.0	36.1	11.4	16.2
Evans.............	8,522	11.7	2.3	.0	2.3	.0	39.9	18.8	18.8
Fannin............	15,030	8.0	1.3	1.3	.0	.0	30.6	13.3	8.0
Fayette...........	34,943	6.3	1.7	.6	.0	.0	29.2	9.2	3.4
Floyd.............	79,052	6.3	2.8	1.3	.3	.0	23.8	13.9	11.1
Forsyth...........	30,979	7.7	2.6	1.9	.0	.0	35.5	15.5	3.9
Franklin..........	15,373	9.1	3.9	2.6	.0	1.3	46.8	16.9	18.2
Fulton............	602,925	15.2	11.6	1.3	.5	1.6	21.4	13.6	27.2
Gilmer............	11,477	5.2	5.2	.0	.0	.0	33.1	15.7	1.7
Glascock..........	2,364	.0	.0	.0	.0	.0	25.4	8.5	.0
Glynn.............	57,132	14.4	4.2	1.8	1.1	.0	26.3	11.9	15.4
Gordon............	31,360	12.1	3.8	1.3	.0	.0	37.0	14.7	10.2
Grady.............	20,349	3.9	2.9	2.0	.0	.0	40.3	13.8	11.8
Greene............	11,730	18.8	5.1	1.7	1.7	.0	15.3	8.5	8.5
Gwinnett..........	203,318	5.0	.8	.0	.0	.3	20.6	11.6	4.7
Habersham.........	25,980	8.5	3.1	.0	.0	.8	33.9	6.2	13.1
Hall..............	79,384	13.4	2.8	1.0	.3	.3	28.5	12.8	8.1
Hancock...........	9,434	17.0	.0	.0	.0	.0	33.9	6.4	14.8
Haralson..........	18,991	15.8	.0	.0	.0	.0	43.2	17.9	6.3
Harris............	16,012	13.7	2.5	2.5	.0	.0	53.7	13.7	12.5
Hart..............	18,891	7.4	4.2	2.1	.0	1.1	46.6	9.5	9.5
Heard.............	6,619	12.1	.0	.0	.0	.0	45.3	33.2	9.1
Henry.............	39,518	5.6	1.5	.0	.0	.0	25.8	13.2	11.1
Houston...........	81,581	10.1	2.7	1.2	.0	.0	16.2	12.0	7.1
Irwin.............	8,894	11.2	4.5	.0	.0	.0	38.2	27.0	11.2
Jackson...........	26,330	15.2	1.5	.0	.0	.0	47.1	16.7	8.4
Jasper............	7,734	20.7	2.6	.0	2.6	.0	23.3	.0	10.3
Jeff Davis........	11,632	8.6	1.7	1.7	.0	1.7	43.0	13.8	12.0
Jefferson.........	18,510	6.5	5.4	1.1	1.1	.0	31.3	8.6	9.7
Jenkins...........	8,550	4.7	.0	.0	.0	.0	60.8	2.3	7.0
Johnson...........	8,698	.0	2.3	.0	.0	.0	34.5	11.5	16.1
Jones.............	17,402	10.3	5.7	1.1	.0	.0	41.4	9.2	10.3
Lamar.............	12,196	13.1	1.6	3.3	.0	.0	13.1	19.7	6.6
Lanier............	5,698	10.5	3.5	.0	.0	.0	35.1	7.0	10.5
Laurens...........	37,676	12.7	2.1	.0	.0	.0	26.5	11.1	16.5
Lee...............	12,759	1.6	3.1	.0	.0	.0	36.1	9.4	12.5

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Clarke	13.5	2.1	1.9	0.0	0.8	18.2	21.2	31.2	41	141	45	108
Clay	29.0	.0	.0	.0	.0	29.0	35.3	60.0	94	14	81	27
Clayton	9.5	1.9	.3	.1	.6	11.9	19.8	29.9	34	147	15	139
Clinch	6.0	6.0	.0	.0	.0	11.9	30.0	39.7	75	88	15	138
Cobb	12.3	2.5	.6	.3	.5	15.8	21.5	32.2	44	136	32	117
Coffee	17.3	4.3	3.6	.0	.7	25.9	30.6	44.5	81	65	73	48
Colquitt	14.5	5.0	.6	1.1	1.7	20.7	25.3	37.4	63	112	55	83
Columbia	11.4	2.6	.4	.4	.4	16.2	18.7	27.4	25	151	34	114
Cook	10.3	2.9	.0	.0	.0	13.2	23.1	33.5	51	131	20	132
Coweta	11.1	3.4	.0	.0	.0	14.0	31.2	44.9	83	63	24	126
Crawford	.0	5.4	.0	.0	.0	5.4	27.9	36.6	66	103	1	156
Crisp	18.0	4.0	2.0	.0	.0	23.1	27.3	40.0	71	95	64	67
Dade	6.7	3.4	.0	.0	.0	10.1	32.2	45.2	84	57	8	146
Dawson	14.9	7.5	3.7	3.7	.0	26.1	39.8	51.6	93	17	74	46
Decatur	13.8	9.2	.0	1.5	.0	22.3	33.6	47.1	87	48	61	76
De Kalb	14.0	3.9	.8	.3	.6	19.5	22.1	33.3	48	134	50	98
Dodge	17.7	8.2	.0	.0	.0	24.7	24.5	37.4	62	115	70	54
Dooly	15.0	13.1	.0	.0	1.9	28.1	36.7	50.0	91	34	79	29
Dougherty	12.9	10.6	.8	.6	1.6	23.5	29.1	41.8	77	82	66	62
Douglas	9.1	7.7	.7	.3	.0	18.4	26.2	36.7	64	111	46	107
Early	22.9	10.7	.0	.0	1.5	30.6	37.9	55.3	94	16	83	24
Echols	.0	.0	8.6	.0	.0	8.6	11.1	16.4	1	159	5	152
Effingham	4.1	2.0	1.0	.0	2.0	9.2	21.9	30.4	41	142	6	150
Elbert	13.8	11.7	1.1	.0	.0	25.5	34.1	47.7	88	43	72	51
Emanuel	16.2	9.5	1.9	1.9	.0	27.6	35.8	51.1	91	33	77	30
Evans	14.1	9.4	.0	2.3	.0	23.5	38.8	56.0	94	15	66	63
Fannin	9.3	2.7	1.3	.0	.0	13.3	25.2	36.5	61	119	21	130
Fayette	9.2	2.9	.6	.0	.6	12.6	20.6	29.3	34	146	18	136
Floyd	11.4	6.3	1.8	.8	.5	19.5	24.9	35.2	58	125	50	97
Forsyth	10.3	3.9	1.9	.6	.6	16.1	27.5	38.9	70	98	34	116
Franklin	16.9	9.1	2.6	.0	1.3	27.3	43.2	59.2	96	6	77	35
Fulton	21.4	19.0	2.3	.7	2.6	44.6	45.7	63.2	97	3	96	2
Gilmer	8.7	5.2	.0	.0	.0	13.9	25.2	34.7	57	126	23	128
Glascock	25.4	8.5	.0	.0	.0	33.8	12.3	16.6	2	158	88	16
Glynn	21.0	10.5	2.1	1.1	.0	34.0	33.5	48.8	88	42	88	15
Gordon	15.3	5.7	1.3	.6	.6	22.3	33.3	48.2	87	45	61	75
Grady	7.9	4.9	2.0	.0	1.0	15.7	31.7	42.6	81	69	32	118
Greene	23.9	5.1	1.7	1.7	1.7	32.4	28.4	43.1	78	79	86	20
Gwinnett	7.6	2.8	.1	.0	.6	10.6	16.3	24.1	13	155	10	144
Habersham	15.4	6.2	.0	.8	1.5	22.3	28.9	40.5	75	90	62	74
Hall	15.9	5.5	1.3	.3	.8	22.4	28.1	42.0	76	87	62	73
Hancock	21.2	2.1	.0	.0	.0	23.3	29.4	45.9	82	64	65	65
Haralson	17.9	1.1	.0	.0	.0	19.0	31.2	48.6	86	51	48	102
Harris	15.0	2.5	2.5	.0	.0	20.0	41.8	59.6	96	7	52	90
Hart	13.8	5.3	3.2	.0	1.1	22.2	36.4	48.8	90	37	61	77
Heard	15.1	.0	.0	.0	.0	15.1	34.9	53.6	92	27	29	122
Henry	11.1	2.0	.0	.0	.0	13.2	22.5	32.5	47	135	20	133
Houston	12.5	5.6	1.5	.2	.0	19.9	20.6	31.0	39	143	52	91
Irwin	11.2	13.5	.0	.0	.0	22.5	35.8	52.6	92	28	62	71
Jackson	17.5	2.3	.0	.0	.0	19.0	34.8	52.4	91	31	48	101
Jasper	28.4	7.8	.0	2.6	.0	36.2	28.3	43.8	78	77	91	10
Jeff Davis	13.8	3.4	1.7	.0	1.7	20.6	35.1	48.9	89	40	55	85
Jefferson	7.6	7.6	1.1	1.1	.0	16.2	29.7	39.8	75	89	34	115
Jenkins	14.0	2.3	2.3	2.3	.0	18.7	31.2	42.0	80	73	47	105
Johnson	9.2	2.3	.0	.0	.0	11.5	26.7	35.1	62	118	13	143
Jones	11.5	5.7	2.3	.0	1.1	19.5	35.2	48.7	89	41	50	96
Lamar	14.8	8.2	3.3	.0	1.6	26.2	22.8	35.8	55	127	74	44
Lanier	14.0	3.5	.0	.0	.0	21.1	28.9	41.5	76	84	57	80
Laurens	19.1	8.0	.5	.0	.0	26.0	28.5	43.0	77	80	73	47
Lee	3.1	3.1	.0	.0	.0	6.3	26.7	35.2	62	117	1	155

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Liberty...........	39,746	2.5	0.5	0.0	0.0	0.0	35.7	6.5	7.5
Lincoln...........	6,859	2.9	.0	.0	.0	.0	23.3	5.8	11.7
Long..............	5,112	7.8	.0	.0	.0	.0	19.6	15.6	31.3
Lowndes...........	70,436	8.8	1.4	.3	.3	.0	22.4	9.1	12.5
Lumpkin...........	11,324	7.1	1.8	.0	.0	.0	31.8	12.4	8.8
McDuffie..........	19,087	9.4	2.1	2.1	1.0	.0	16.8	10.5	9.4
McIntosh..........	7,997	.0	2.5	.0	2.5	.0	52.5	20.0	5.0
Macon.............	14,032	4.3	1.4	.0	.0	.0	24.2	5.7	7.1
Madison...........	18,070	11.1	1.1	.0	1.1	.0	29.9	16.6	5.5
Marion............	5,349	18.7	.0	.0	.0	.0	52.4	7.5	7.5
Meriwether........	20,923	6.7	1.0	.0	.0	.0	40.1	11.5	15.3
Miller............	6,909	5.8	.0	.0	.0	.0	49.2	8.7	8.7
Mitchell..........	21,336	10.3	2.8	.0	.0	.0	45.0	10.3	16.9
Monroe............	14,851	6.7	4.0	.0	.0	.0	35.0	6.7	8.1
Montgomery........	7,056	14.2	2.8	2.8	2.8	.0	42.5	17.0	8.5
Morgan............	11,899	15.1	6.7	3.4	.0	.0	33.6	6.7	20.2
Murray............	20,551	11.7	1.0	2.9	.0	1.9	29.2	14.6	8.8
Muscogee..........	174,487	11.8	2.9	2.4	.3	.0	18.7	11.2	15.8
Newton............	36,691	8.7	2.7	.0	.0	.0	21.8	17.4	15.8
Oconee............	13,448	11.9	.0	.0	1.5	.0	32.7	11.9	4.5
Oglethorpe........	9,221	8.7	2.2	4.3	.0	.0	49.9	28.2	8.7
Paulding..........	28,015	13.6	3.6	.0	1.4	.0	35.0	15.0	10.0
Peach.............	19,174	15.6	7.3	1.0	.0	1.0	31.3	12.5	16.7
Pickens...........	12,403	9.7	3.2	.0	.0	.0	37.1	29.0	.0
Pierce............	12,252	6.5	4.9	.0	.0	.0	21.2	8.2	4.9
Pike..............	8,732	4.6	4.6	2.3	2.3	2.3	34.4	18.3	11.5
Polk..............	32,881	12.8	3.6	1.2	.6	.0	32.2	14.6	10.9
Pulaski...........	8,889	6.8	.0	2.3	2.3	.0	31.5	18.0	18.0
Putnam............	10,909	14.7	1.8	.0	.0	.0	42.2	14.7	14.7
Quitman...........	2,318	8.6	8.6	.0	.0	.0	60.4	34.5	17.3
Rabun.............	10,632	11.3	9.4	1.9	1.9	.0	26.3	15.0	13.2
Randolph..........	9,435	10.6	.0	6.4	2.1	.0	21.2	6.4	21.2
Richmond..........	185,713	14.8	4.2	1.2	1.3	.6	19.2	8.9	16.7
Rockdale..........	40,132	9.5	.5	.0	.5	.0	28.4	12.0	4.5
Schley............	3,428	11.7	.0	.0	.0	.0	11.7	23.3	11.7
Screven...........	14,189	7.0	4.2	.0	.0	1.4	36.6	12.7	9.9
Seminole..........	8,921	6.7	2.2	2.2	.0	.0	24.7	6.7	11.2
Spalding..........	49,593	14.1	4.4	4.0	.0	.4	25.0	15.7	14.1
Stephens..........	22,013	4.5	5.5	.0	.0	.0	30.0	15.4	11.8
Stewart...........	5,814	6.9	10.3	.0	.0	.0	20.6	31.0	17.2
Sumter............	29,762	16.1	3.4	.7	1.3	.0	30.2	10.8	12.8
Talbot............	6,591	6.1	6.1	.0	.0	.0	48.6	.0	9.1
Taliaferro........	2,061	9.7	.0	.0	.0	.0	58.2	.0	19.4
Tattnall..........	17,991	16.7	.0	.0	.0	.0	47.8	18.9	11.1
Taylor............	8,007	12.5	2.5	.0	.0	.0	45.0	12.5	7.5
Telfair...........	11,400	7.0	5.3	.0	.0	1.8	49.1	14.0	10.5
Terrell...........	11,898	3.4	6.7	.0	1.7	.0	38.7	6.7	25.2
Thomas............	38,349	12.0	3.7	1.6	.0	.5	26.1	12.0	12.5
Tift..............	33,362	8.4	4.2	1.8	.0	.0	24.0	6.6	12.6
Toombs............	23,109	10.4	4.3	.9	.0	.0	19.0	11.3	19.0
Towns.............	5,875	10.2	6.8	6.8	.0	.0	27.2	.0	6.8
Treutlen..........	6,057	3.3	3.3	.0	.0	.0	36.3	3.3	26.4
Troup.............	51,561	12.0	2.7	.4	.8	.8	29.5	14.0	13.2
Turner............	9,518	14.7	2.1	.0	.0	.0	31.5	6.3	8.4
Twiggs............	9,676	6.2	.0	.0	.0	.0	41.3	2.1	8.3
Union.............	9,896	4.0	.0	.0	.0	.0	36.4	8.1	8.1
Upson.............	26,234	9.9	5.3	1.5	.0	.8	28.2	9.9	8.4
Walker............	56,184	8.9	.7	.4	.0	.7	29.5	8.9	7.8
Walton............	31,798	10.1	2.5	1.9	.0	.0	36.5	18.9	6.3
Ware..............	37,164	15.1	2.2	1.1	.0	.0	23.1	15.1	11.3

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
							Range of Rates					
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Minimum	Maximum	Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
Liberty	3.5	1.0	0.5	0.0	0.0	5.0	21.4	29.1	36	145	0	157
Lincoln	5.8	5.8	.0	2.9	.0	11.7	17.6	24.8	17	153	14	141
Long	7.8	3.9	.0	.0	.0	7.8	29.3	43.6	79	74	3	154
Lowndes	13.9	4.3	.9	.6	.0	18.7	22.7	33.6	50	132	47	104
Lumpkin	7.1	3.5	.0	.0	.0	8.8	24.6	35.6	58	124	5	151
McDuffie	19.9	4.2	2.1	1.0	.0	26.2	22.7	33.0	49	133	74	45
McIntosh	7.5	7.5	.0	2.5	2.5	20.0	33.4	43.4	83	58	52	89
Macon	7.1	2.9	.0	.0	.0	10.0	17.8	25.0	18	152	8	147
Madison	12.2	1.1	.0	1.1	.0	14.4	25.2	38.3	65	108	25	125
Marion	18.7	.0	.0	3.7	.0	22.4	34.7	53.1	92	30	62	72
Meriwether	12.4	3.8	.0	.0	.0	16.3	30.0	42.6	79	75	34	113
Miller	11.6	.0	.0	.0	.0	11.6	28.9	40.4	75	92	13	142
Mitchell	15.0	6.6	.0	.0	.0	20.6	35.9	51.1	91	32	55	86
Monroe	8.1	8.1	1.3	1.3	1.3	18.9	26.7	36.7	64	109	47	103
Montgomery	22.7	11.3	5.7	2.8	.0	36.8	39.6	56.2	94	12	92	8
Morgan	20.2	15.1	3.4	.0	.0	38.7	41.2	57.7	95	9	93	6
Murray	15.6	3.9	2.9	1.0	1.9	23.4	29.9	43.4	80	71	65	64
Muscogee	17.3	13.0	4.4	.5	1.4	34.5	28.0	41.0	74	93	89	12
Newton	13.1	4.9	.5	.5	.0	19.6	26.4	39.1	68	99	50	94
Oconee	19.3	5.9	3.0	1.5	.0	26.8	24.6	37.4	62	116	76	37
Oglethorpe	8.7	4.3	8.7	.0	2.2	21.7	40.7	57.2	95	10	60	79
Paulding	18.6	5.0	.0	2.9	.0	25.0	32.9	48.4	87	46	70	53
Peach	21.9	13.6	1.0	.0	2.1	36.5	39.3	56.1	94	13	91	9
Pickens	14.5	6.4	.0	.0	.0	21.0	28.6	42.8	77	81	56	81
Pierce	9.8	4.9	.0	.0	.0	14.7	20.4	28.5	32	148	27	123
Pike	13.7	4.6	2.3	2.3	4.6	20.6	36.8	48.1	90	38	55	87
Polk	16.4	6.7	3.0	.6	.0	27.4	32.3	47.1	86	52	77	34
Pulaski	6.8	2.3	2.3	2.3	.0	13.5	32.6	45.8	85	54	22	129
Putnam	18.3	3.7	1.8	.0	3.7	27.5	35.4	52.9	92	29	77	32
Quitman	17.3	8.6	.0	.0	.0	25.9	52.5	72.6	98	2	73	49
Rabun	13.2	15.0	7.5	1.9	.0	32.0	38.1	51.8	93	24	86	22
Randolph	21.2	8.5	10.6	2.1	.0	42.4	33.0	45.7	85	53	95	3
Richmond	20.7	8.3	3.0	1.6	1.1	32.6	31.1	45.5	83	61	86	19
Rockdale	12.5	1.0	.0	.5	.0	14.0	21.3	32.3	44	137	24	127
Schley	11.7	.0	.0	.0	5.8	11.7	19.8	33.4	43	139	14	140
Screven	7.0	8.5	.0	.0	1.4	15.5	31.1	42.8	80	70	31	120
Seminole	9.0	4.5	2.2	.0	2.2	15.7	24.2	33.6	53	129	32	119
Spalding	26.6	9.3	6.5	.0	2.0	42.3	34.9	50.4	90	36	95	4
Stephens	9.1	11.8	.0	.9	.0	20.9	28.5	38.9	72	94	56	82
Stewart	13.8	10.3	3.4	.0	3.4	27.5	36.1	50.3	91	35	77	31
Sumter	21.5	6.0	.7	1.3	.0	28.2	32.8	48.9	88	44	79	28
Talbot	9.1	9.1	.0	.0	.0	18.2	33.2	43.4	83	60	44	109
Taliaferro	9.7	.0	.0	.0	.0	9.7	37.6	52.5	93	21	7	148
Tattnall	22.2	1.1	1.1	.0	.0	24.5	35.9	55.3	93	18	69	55
Taylor	20.0	5.0	2.5	2.5	.0	27.5	32.5	47.6	86	50	77	33
Telfair	14.0	10.5	.0	.0	1.8	26.3	38.3	51.6	93	23	74	42
Terrell	6.7	11.8	.0	3.4	.0	21.9	39.2	50.7	93	22	60	78
Thomas	19.8	7.8	2.1	.0	4.2	32.3	29.9	43.4	80	72	86	21
Tift	10.8	6.6	2.4	.6	.0	19.8	26.7	37.2	65	107	51	93
Toombs	13.8	6.1	.9	.0	.0	22.5	28.6	41.5	76	85	62	70
Towns	13.6	6.8	6.8	3.4	.0	30.6	32.4	42.1	81	68	84	23
Treutlen	9.9	6.6	3.3	.0	.0	19.8	33.0	43.8	83	59	51	92
Troup	16.3	8.9	1.2	1.2	1.6	26.8	31.0	45.3	83	62	76	38
Turner	21.0	6.3	.0	.0	.0	27.3	26.6	40.5	71	96	77	36
Twiggs	12.4	8.3	2.1	.0	.0	20.7	24.2	33.9	54	128	55	84
Union	8.1	2.0	.0	.0	.0	8.1	22.4	31.3	44	138	4	153
Upson	14.5	8.4	3.8	.0	.8	26.7	29.5	41.0	76	83	76	39
Walker	12.5	1.8	.7	.0	1.1	16.4	23.3	34.2	53	130	35	112
Walton	13.2	6.9	3.1	.0	.6	23.3	30.6	44.3	81	66	65	66
Ware	24.2	5.9	2.7	.0	.5	32.8	27.5	42.6	76	86	87	18

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Warren	6,466	0.0	6.2	0.0	0.0	0.0	27.8	9.3	18.6
Washington	19,105	9.4	9.4	.0	2.1	.0	36.6	19.9	22.0
Wayne	21,379	15.0	.9	.0	.0	.0	33.7	8.4	11.2
Webster	2,254	35.5	.0	.0	.0	.0	35.5	17.7	35.5
Wheeler	5,100	7.8	.0	.0	.0	.0	35.3	19.6	7.8
White	10,625	7.5	1.9	.0	.0	.0	30.1	3.8	5.6
Whitfield	66,996	10.4	3.3	.3	.6	.9	27.5	12.5	8.4
Wilcox	7,601	5.3	7.9	5.3	.0	.0	34.2	10.5	26.3
Wilkes	11,051	5.4	1.8	.0	1.8	.0	36.2	18.1	9.0
Wilkinson	10,564	18.9	3.8	1.9	.0	.0	24.6	13.3	15.1
Worth	18,243	5.5	2.2	.0	.0	.0	36.2	16.4	8.8
Hawaii	1,006,396	7.2	.6	.1	.0	.1	16.1	10.8	4.9
Hawaii	100,387	7.6	.6	.2	.0	.0	27.1	10.4	5.8
Honolulu	785,958	7.1	.6	.1	.0	.1	13.4	11.1	5.0
Kauai	42,026	8.1	1.4	.0	.0	.5	27.1	10.0	3.8
Maui	78,025	7.7	.8	.0	.0	.0	22.3	9.2	3.3
Idaho	974,509	7.3	1.2	.4	.2	.1	29.1	14.3	3.5
Ada	181,811	6.4	.8	.4	.0	.0	24.0	16.3	3.5
Adams	3,362	5.9	.0	.0	.0	.0	11.9	11.9	.0
Bannock	67,240	7.1	1.2	1.2	.6	.0	25.6	13.1	3.0
Bear Lake	6,942	8.6	.0	.0	2.9	.0	40.3	20.2	8.6
Benewah	8,379	16.7	2.4	.0	2.4	.0	50.1	19.1	2.4
Bingham	37,515	11.2	2.1	.0	.0	.0	33.1	14.9	4.3
Blaine	11,570	3.5	1.7	.0	.0	1.7	25.9	13.8	.0
Boise	2,958	.0	.0	.0	.0	.0	60.9	6.8	20.3
Bonner	24,923	7.2	1.6	.0	.0	1.6	35.3	16.9	3.2
Bonneville	67,950	7.9	.6	1.2	.3	.0	27.1	16.8	.9
Boundary	7,477	10.7	.0	.0	.0	.0	37.5	13.4	10.7
Butte	3,322	6.0	.0	.0	.0	.0	12.0	6.0	.0
Camas	751	.0	.0	.0	.0	.0	26.6	.0	26.6
Canyon	86,620	6.5	.2	.5	.0	.0	27.9	10.6	3.0
Caribou	8,625	2.3	.0	.0	.0	.0	27.8	16.2	.0
Cassia	20,187	8.9	5.0	.0	.0	.0	29.7	10.9	12.9
Clark	790	25.3	.0	.0	.0	.0	.0	.0	25.3
Clearwater	10,210	7.8	3.9	.0	.0	.0	41.1	23.5	7.8
Custer	4,532	17.7	.0	.0	.0	.0	39.7	26.5	17.7
Elmore	22,314	7.2	.0	.9	.9	.0	33.2	11.7	4.5
Franklin	9,342	2.1	.0	.0	.0	.0	23.6	8.6	2.1
Fremont	10,826	1.8	1.8	.0	.0	.0	31.4	20.3	3.7
Gem	11,723	3.4	1.7	.0	.0	.0	27.3	13.6	3.4
Gooding	12,143	8.2	1.6	1.6	.0	.0	36.2	16.5	3.3
Idaho	14,464	5.5	4.1	.0	.0	.0	36.0	20.7	4.1
Jefferson	15,892	3.8	1.3	.0	.0	.0	35.2	10.1	5.0
Jerome	15,316	6.5	1.3	.0	.0	.0	30.0	11.8	7.8
Kootenai	62,787	8.9	2.5	.0	.0	.0	24.8	12.1	2.5
Latah	29,840	4.0	1.3	.0	.0	.0	11.4	12.1	2.0
Lemhi	7,623	5.2	2.6	.0	.0	.0	57.7	10.5	2.6
Lewis	4,017	24.9	.0	.0	.0	.0	29.9	29.9	5.0
Lincoln	3,513	.0	.0	.0	.0	.0	34.2	17.1	.0
Madison	20,845	1.0	.0	.0	.0	.0	20.1	6.7	1.0
Minidoka	20,577	6.8	1.0	.0	.0	.0	31.1	17.5	3.9
Nez Perce	33,026	13.3	2.4	.6	.6	.0	33.9	20.0	.0
Oneida	3,378	5.9	.0	.0	.0	.0	29.6	11.8	.0
Owyhee	8,522	9.4	2.3	.0	.0	.0	30.5	11.7	4.7
Payette	15,823	6.3	.0	.0	.0	.0	36.7	12.6	7.6
Power	6,850	2.9	.0	2.9	.0	.0	46.7	14.6	2.9

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Warren	6.2	12.4	0.0	0.0	0.0	18.6	28.5	36.3	67	102	46	106
Washington	14.7	17.8	1.0	4.2	.0	33.5	45.1	61.3	97	4	88	17
Wayne	19.6	2.8	.9	.0	1.9	24.3	28.2	43.3	78	78	69	56
Webster	35.5	.0	.0	.0	.0	35.5	49.7	81.8	99	1	90	11
Wheeler	15.7	3.9	.0	.0	.0	19.6	25.6	38.4	65	105	50	95
White	7.5	1.9	.0	.0	.0	9.4	21.0	30.0	38	144	6	149
Whitfield	14.6	8.1	.3	1.2	.9	23.9	27.3	39.5	71	97	67	60
Wilcox	18.4	10.5	5.3	.0	.0	34.2	44.1	57.0	96	8	89	13
Wilkes	7.2	5.4	.0	1.8	.0	14.5	28.9	40.4	75	91	26	124
Wilkinson	26.5	13.3	1.9	.0	.0	39.8	33.5	51.3	90	39	94	5
Worth	7.7	3.3	1.1	.0	1.1	12.1	27.0	38.3	68	101	16	137
Hawaii	12.5	2.3	.3	.1	.3	15.0	14.9	23.3	-	-	-	-
Hawaii	13.3	2.6	.6	.0	.6	16.9	20.1	29.9	34	2	38	2
Honolulu	12.3	2.1	.3	.1	.3	14.6	13.8	21.9	6	4	26	4
Kauai	13.3	4.3	.0	.0	.5	18.1	20.4	30.1	36	1	44	1
Maui	13.6	2.6	.0	.0	.0	15.9	16.7	25.4	16	3	33	3
Idaho	10.8	3.6	.9	.3	.5	15.2	21.5	31.6	-	-	-	-
Ada	10.2	1.7	.9	.1	.3	12.8	18.8	28.3	28	33	19	32
Adams	5.9	.0	5.9	.0	.0	11.9	9.8	16.4	1	42	15	34
Bannock	12.5	5.7	1.8	.9	.3	19.3	20.7	30.1	37	31	49	13
Bear Lake	11.5	2.9	.0	2.9	.0	14.4	31.5	45.5	83	7	25	27
Benewah	23.9	4.8	.0	2.4	.0	31.0	37.6	55.8	94	2	84	3
Bingham	14.4	5.9	.5	.0	1.6	19.2	25.6	38.5	66	16	48	14
Blaine	3.5	3.5	.0	.0	1.7	6.9	18.5	25.6	21	36	2	39
Boise	.0	.0	.0	.0	.0	.0	36.4	47.7	89	4	...	...
Bonner	9.6	4.0	.0	.0	2.4	16.9	25.9	37.1	64	17	38	18
Bonneville	11.8	2.1	2.4	.3	.9	16.5	20.5	30.7	38	30	36	19
Boundary	10.7	5.3	.0	.0	.0	16.1	27.8	41.8	75	10	34	21
Butte	6.0	18.1	.0	.0	.0	24.1	8.7	14.3	0	44	68	6
Camas	26.6	.0	.0	.0	.0	26.6	23.7	31.2	46	26	75	4
Canyon	9.5	2.3	.7	.7	.0	12.5	18.6	27.5	25	34	17	33
Caribou	2.3	4.6	.0	.0	.0	4.6	15.9	23.0	10	39	0	41
Cassia	14.9	5.9	.0	.0	1.0	20.8	29.3	41.5	77	9	56	10
Clark	50.6	.0	.0	.0	.0	50.6	22.3	40.3	63	18	98	1
Clearwater	9.8	3.9	.0	.0	.0	13.7	32.8	46.9	86	6	23	29
Custer	17.7	8.8	4.4	.0	.0	26.5	37.5	58.9	95	1	75	5
Elmore	10.8	.9	.9	.9	.9	14.3	23.1	33.4	50	23	25	28
Franklin	12.8	2.1	.0	.0	.0	15.0	13.5	19.1	4	40	29	25
Fremont	5.5	3.7	5.5	.0	1.8	14.8	21.6	30.1	39	29	28	26
Gem	6.8	8.5	.0	.0	.0	15.4	18.9	26.6	24	35	30	24
Gooding	14.8	4.9	1.6	.0	.0	21.4	26.7	38.5	68	15	58	8
Idaho	8.3	9.7	1.4	.0	.0	19.4	27.6	38.8	70	12	49	12
Jefferson	5.0	2.5	.0	.0	.0	6.3	22.0	30.5	41	28	1	40
Jerome	13.1	2.6	.0	.0	.0	18.3	22.6	32.8	48	24	45	15
Kootenai	11.8	6.7	.6	.0	.0	18.2	20.3	30.3	36	32	44	16
Latah	7.4	2.7	.0	.0	.7	10.1	11.1	17.0	1	41	8	38
Lemhi	7.9	5.2	.0	.0	.0	13.1	32.3	43.8	83	8	20	30
Lewis	34.9	.0	.0	.0	.0	34.9	31.1	53.7	90	3	90	2
Lincoln	.0	.0	.0	.0	.0	.0	17.8	24.4	16	38	...	...
Madison	1.9	.0	1.0	.0	.0	2.9	10.6	14.7	1	43	0	42
Minidoka	9.7	1.0	.0	.0	.0	10.7	22.2	32.9	47	25	10	36
Nez Perce	16.4	5.5	.6	1.2	.0	22.4	27.3	41.7	74	11	62	7
Oneida	5.9	5.9	.0	.0	.0	11.8	17.2	25.7	18	37	14	35
Owyhee	11.7	4.7	.0	.0	.0	16.4	23.6	34.8	54	22	36	20
Payette	10.1	2.5	.0	.0	.0	10.1	24.1	35.0	56	21	8	37
Power	5.8	.0	8.8	.0	5.8	17.5	28.0	37.7	69	14	41	17

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Shoshone..........	18,043	12.2	0.0	0.0	0.0	0.0	39.9	15.5	2.2
Teton.............	3,061	6.5	.0	.0	.0	.0	71.9	6.5	.0
Twin Falls........	54,504	6.6	1.5	.0	.4	.0	34.5	11.4	2.6
Valley............	6,283	9.5	.0	.0	.0	.0	38.2	15.9	3.2
Washington........	8,633	13.9	.0	.0	.0	.0	27.8	11.6	7.0
Illinois............	11,483,038	12.7	1.4	.3	.1	.1	16.6	10.0	10.8
Adams.............	70,730	9.6	.3	.0	.0	.3	25.2	10.2	3.4
Alexander.........	12,017	6.7	1.7	.0	.0	.0	30.0	8.3	28.3
Bond..............	16,109	1.2	2.5	.0	.0	.0	27.3	6.2	3.7
Boone.............	28,934	7.6	.0	.7	.0	.0	18.7	11.1	2.1
Brown.............	5,430	7.4	.0	.0	.0	.0	29.5	18.4	.0
Bureau............	38,303	7.8	.5	.5	.0	.0	19.8	11.5	2.6
Calhoun...........	5,781	13.8	.0	.0	.0	.0	45.0	13.8	.0
Carroll...........	18,446	4.3	1.1	.0	.0	.0	21.7	8.7	2.2
Cass..............	14,601	5.5	1.4	.0	.0	.0	17.8	13.7	1.4
Champaign.........	169,643	5.8	1.3	.5	.0	.1	13.0	8.5	5.4
Christian.........	36,231	6.6	.6	.0	.0	.0	30.9	6.1	1.7
Clark.............	16,725	4.8	.0	.0	.0	.0	28.7	17.9	.0
Clay..............	15,392	7.8	.0	.0	.0	.0	16.9	3.9	.0
Clinton...........	33,179	6.6	1.2	.0	.0	.0	17.5	9.0	1.8
Coles.............	52,427	6.5	1.5	.4	.0	.2	16.0	12.2	3.8
Cook..............	5,283,581	17.4	2.1	.4	.1	.2	12.4	9.2	17.9
Crawford..........	20,853	10.6	1.0	.0	.0	.0	30.7	12.5	1.0
Cumberland........	10,942	9.1	.0	.0	.0	.0	16.5	11.0	.0
De Kalb...........	73,984	7.8	1.1	.3	.0	.0	20.5	11.1	1.4
De Witt...........	17,950	5.6	1.1	.0	.0	.0	26.7	13.4	2.2
Douglas...........	19,634	8.1	.0	.0	.0	.0	35.7	5.1	2.0
Du Page...........	681,363	6.5	.3	.4	.0	.0	13.4	9.5	2.0
Edgar.............	21,503	6.5	.0	.0	.0	.0	30.7	7.4	.9
Edwards...........	8,054	9.9	.0	.0	.0	.0	17.4	14.9	.0
Effingham.........	31,215	6.4	.6	1.3	.0	.0	28.2	9.6	1.3
Fayette...........	22,159	4.5	1.8	.0	.9	.0	27.1	14.4	.0
Ford..............	15,088	13.3	.0	.0	.0	.0	14.6	9.3	4.0
Franklin..........	43,035	14.9	.0	.0	.0	.5	26.5	12.1	5.1
Fulton............	41,859	8.1	.0	.5	.0	.0	22.5	7.2	3.8
Gallatin..........	7,666	28.7	.0	.0	.0	.0	33.9	10.4	10.4
Greene............	16,342	3.7	.0	.0	.0	.0	37.9	17.1	4.9
Grundy............	30,801	11.7	1.3	.0	.0	.0	26.0	5.8	3.2
Hamilton..........	9,223	10.8	.0	.0	.0	.0	17.3	4.3	4.3
Hancock...........	23,688	8.4	1.7	.8	.0	.0	23.6	6.8	2.5
Hardin............	5,393	3.7	3.7	.0	.0	.0	14.8	14.8	7.4
Henderson.........	9,068	8.8	.0	.0	.0	.0	35.3	8.8	.0
Henry.............	56,946	9.5	1.1	.0	.0	.0	21.4	11.6	2.5
Iroquois..........	32,710	10.4	.0	.0	.0	.0	29.3	9.8	4.9
Jackson...........	61,516	5.9	1.3	1.3	.0	.3	20.5	5.9	4.6
Jasper............	11,349	10.6	.0	.0	.0	.0	35.2	10.6	.0
Jefferson.........	37,380	8.0	1.1	.5	.0	.0	21.4	10.7	7.0
Jersey............	20,374	4.9	.0	.0	.0	.0	21.6	17.7	2.0
Jo Daviess........	23,359	7.7	3.4	.0	.0	.9	18.0	7.7	1.7
Johnson...........	10,161	5.9	.0	.0	.0	.0	19.7	3.9	5.9
Kane..............	286,761	10.9	.9	.0	.2	.0	18.8	13.6	4.7
Kankakee..........	101,287	8.7	.6	.0	.2	.4	24.3	11.1	9.7
Kendall...........	36,864	4.3	1.6	.0	.0	.0	23.9	10.3	1.6
Knox..............	59,639	10.4	.7	.7	.0	.0	19.1	12.7	2.7
Lake..............	453,107	10.9	.8	.1	.0	.1	19.1	10.3	5.0
La Salle..........	109,649	10.9	.5	.0	.2	.0	23.9	12.8	2.0

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirr- hosis	Alc. Dep. Syndr.	Non- Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Per- centile)	Rank in State	Rank in U.S. (Per- centile)	Rank in State
							Mini- mum	Maxi- mum				
Shoshone	13.3	3.3	3.3	0.0	1.1	20.0	25.9	39.9	69	13	52	11
Teton	6.5	6.5	.0	.0	.0	13.1	34.2	46.7	87	5	20	31
Twin Falls	9.9	5.1	.4	.7	.4	15.4	22.5	32.2	46	27	31	23
Valley	15.9	.0	.0	.0	.0	15.9	24.6	37.2	62	19	33	22
Washington	18.5	2.3	.0	.0	.0	20.9	23.0	36.7	57	20	56	9
Illinois	19.8	3.7	1.2	.2	1.5	26.2	21.3	33.5	-	-	-	-
Adams	15.0	1.7	.3	.0	.3	17.2	18.7	29.0	29	39	40	58
Alexander	15.0	3.3	.0	1.7	.0	21.6	31.9	45.1	83	2	59	21
Bond	6.2	3.7	.0	.0	1.2	11.2	17.5	22.8	13	74	12	99
Boone	14.5	1.4	1.4	.0	.0	17.3	14.8	23.2	9	84	40	57
Brown	18.4	.0	.0	.0	.0	18.4	19.1	29.4	31	35	46	42
Bureau	12.0	.5	1.0	.0	.0	13.6	16.1	24.9	14	68	22	86
Calhoun	20.8	.0	.0	.0	.0	20.8	27.3	42.1	75	4	55	29
Carroll	9.8	1.1	2.2	.0	.0	13.0	14.7	21.3	7	87	19	90
Cass	5.5	2.7	.0	.0	6.8	16.4	14.5	22.0	7	86	36	66
Champaign	9.4	3.8	.7	.1	5.0	18.4	13.9	20.9	5	92	45	43
Christian	17.7	4.4	.0	.0	.0	21.5	18.2	26.5	22	50	59	22
Clark	13.2	.0	.0	.0	1.2	14.3	17.6	26.4	21	54	25	84
Clay	15.6	1.3	2.6	.0	.0	19.5	11.1	17.8	2	100	50	38
Clinton	12.1	2.4	.6	.0	1.2	16.3	13.9	21.3	6	91	35	68
Coles	12.2	3.4	1.5	.4	3.8	20.6	15.5	23.5	11	80	55	30
Cook	26.2	5.0	1.2	.3	1.1	33.6	25.5	40.9	70	6	88	3
Crawford	15.3	1.9	.0	.0	1.0	18.2	21.1	32.5	43	19	44	47
Cumberland	20.1	1.8	.0	.0	1.8	23.8	12.8	21.5	5	96	67	13
De Kalb	13.0	3.2	2.4	.0	.3	18.7	16.0	24.7	13	71	47	41
De Witt	12.3	2.2	1.1	.0	1.1	16.7	18.4	27.0	24	47	37	63
Douglas	11.2	4.1	.0	.0	1.0	15.3	20.3	29.8	35	26	30	76
Du Page	10.5	1.3	.7	.1	5.0	17.5	11.9	18.8	2	98	41	55
Edgar	11.2	4.7	.9	.0	9.3	25.1	17.5	25.8	19	57	71	10
Edwards	17.4	.0	.0	.0	.0	17.4	14.4	24.2	10	81	40	56
Effingham	10.9	2.6	1.3	.0	1.3	15.4	18.9	27.3	26	43	30	74
Fayette	9.0	3.6	.0	.9	.0	13.5	18.8	26.7	24	46	22	87
Ford	14.6	5.3	1.3	.0	1.3	22.5	15.3	26.3	15	67	62	16
Franklin	24.6	.9	.5	.0	.5	27.0	22.5	36.4	56	10	76	8
Fulton	18.6	1.0	1.0	.0	.5	21.0	16.5	25.2	16	63	57	28
Gallatin	39.1	2.6	2.6	.0	.0	44.4	33.0	55.8	92	1	96	1
Greene	11.0	1.2	.0	.0	1.2	13.5	23.2	33.1	50	14	21	88
Grundy	20.8	3.2	2.6	.0	3.9	28.6	19.7	30.4	35	27	80	6
Hamilton	23.9	6.5	.0	.0	.0	30.4	14.6	23.9	10	82	83	5
Hancock	12.7	3.4	.8	.0	.0	16.9	18.5	27.2	24	44	38	61
Hardin	14.8	7.4	.0	.0	.0	22.3	17.9	25.3	19	58	61	19
Henderson	13.2	2.2	.0	.0	.0	15.4	20.2	30.3	36	25	31	73
Henry	14.4	3.5	.0	.0	.4	18.3	17.4	27.3	22	51	45	46
Iroquois	12.8	.6	.0	.0	1.2	14.7	20.8	32.2	42	20	27	82
Jackson	11.4	2.0	1.3	.0	1.3	15.0	17.2	24.4	15	64	29	79
Jasper	17.6	.0	.0	1.8	1.8	21.1	21.3	32.6	44	18	57	26
Jefferson	13.9	5.9	1.6	.0	.5	21.4	19.3	29.0	31	36	58	24
Jersey	10.8	.0	1.0	.0	.0	11.8	15.5	23.9	11	78	14	96
Jo Daviess	11.1	5.1	.0	.0	.9	17.1	17.3	25.1	17	61	39	60
Johnson	9.8	.0	.0	.0	.0	9.8	14.3	21.3	6	89	7	101
Kane	17.2	3.1	.8	.3	2.4	23.2	18.4	29.5	30	38	65	14
Kankakee	14.4	2.6	2.0	.6	.8	20.3	21.7	32.6	45	17	54	34
Kendall	9.8	3.8	1.1	.0	8.1	22.2	16.3	23.3	11	77	61	20
Knox	17.1	3.7	2.0	.3	1.3	23.8	17.4	27.8	23	48	67	12
Lake	17.2	2.6	.2	.2	.5	20.4	17.9	28.5	26	42	54	32
La Salle	20.1	3.8	1.1	.4	6.7	30.8	18.7	29.8	31	34	84	4

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Lawrence	18,011	10.0	0.0	0.0	0.0	0.0	26.7	8.9	1.1
Lee	35,209	9.7	2.3	.0	.6	.0	26.7	14.8	3.4
Livingston	40,948	3.9	2.0	.0	.5	.0	21.5	12.7	3.4
Logan	31,416	12.1	.6	.6	.0	.0	15.3	12.1	2.5
McDonough	36,724	7.1	1.6	.0	.0	.0	18.0	6.0	1.1
McHenry	151,674	11.9	.4	.3	.1	.0	26.0	10.2	1.3
McLean	121,044	6.4	1.0	.2	.0	.0	19.5	8.4	2.0
Macon	129,906	8.3	.9	.2	.0	.2	18.5	8.5	4.9
Macoupin	49,070	10.6	.0	.0	.0	.0	16.3	6.9	.8
Madison	248,452	9.2	.5	.2	.2	.2	22.4	11.6	6.4
Marion	44,003	8.6	.9	.5	.0	.0	27.3	11.8	4.5
Marshall	13,940	5.7	.0	.0	.0	.0	18.7	8.6	4.3
Mason	18,712	9.6	.0	.0	.0	.0	20.3	7.5	3.2
Massac	14,948	8.0	.0	1.3	.0	.0	25.4	4.0	2.7
Menard	11,581	8.6	1.7	.0	1.7	.0	27.6	13.8	6.9
Mercer	19,179	5.2	2.1	.0	.0	.0	29.2	11.5	3.1
Monroe	20,386	4.9	.0	.0	.0	1.0	30.4	13.7	2.0
Montgomery	32,000	6.9	.0	.0	.6	.0	23.1	15.6	3.8
Morgan	37,274	10.7	1.6	.0	.0	.0	17.2	10.2	2.1
Moultrie	14,534	5.5	.0	.0	.0	.0	12.4	6.9	.0
Ogle	46,002	8.7	.9	.0	.0	.0	34.3	10.4	3.9
Peoria	195,333	10.8	1.3	.3	.0	.0	10.2	13.3	4.8
Perry	21,921	8.2	.9	.0	.0	.0	29.2	8.2	3.6
Piatt	16,398	4.9	.0	.0	.0	1.2	15.9	13.4	1.2
Pike	18,671	3.2	2.1	.0	1.1	.0	24.6	12.9	2.1
Pope	4,420	9.0	9.0	.0	.0	.0	27.1	18.1	.0
Pulaski	8,785	9.1	.0	.0	.0	.0	36.4	15.9	13.7
Putnam	6,063	6.6	.0	.0	.0	.0	19.8	.0	.0
Randolph	35,455	7.3	.6	.6	.0	.0	28.8	13.0	3.9
Richland	18,070	6.6	.0	1.1	.0	.0	16.6	13.3	5.5
Rock Island	165,067	9.0	1.1	.2	.0	.1	15.4	11.1	4.1
St. Clair	268,492	10.3	1.0	.5	.2	.1	18.4	9.4	21.7
Saline	28,449	12.7	1.4	.0	.0	.0	24.6	6.3	1.4
Sangamon	177,349	12.2	1.5	.2	.2	.0	16.4	12.0	6.0
Schuyler	8,132	7.4	.0	.0	.0	.0	24.6	9.8	4.9
Scott	6,083	.0	.0	.0	.0	.0	19.7	13.2	3.3
Shelby	23,675	5.9	.8	.0	.0	.0	28.7	11.0	.8
Stark	7,113	5.6	.0	.0	.0	.0	19.7	22.5	.0
Stephenson	49,524	8.5	.0	.0	.0	.0	17.4	7.3	3.2
Tazewell	129,707	5.9	.5	.0	.0	.2	19.9	8.0	1.9
Union	17,749	5.6	1.1	.0	.0	.0	41.7	13.5	7.9
Vermilion	94,018	10.2	1.1	.2	.0	.6	22.8	13.2	3.6
Wabash	13,912	5.8	1.4	.0	.0	.0	21.6	7.2	2.9
Warren	21,458	2.8	.9	.0	.0	.0	22.4	17.7	2.8
Washington	15,294	7.8	.0	1.3	.0	.0	28.8	5.2	.0
Wayne	18,416	8.7	1.1	.0	.0	.0	33.7	9.8	5.4
White	17,935	3.3	.0	.0	.0	.0	36.8	12.3	4.5
Whiteside	64,759	9.0	.3	.0	.0	.0	26.9	12.0	1.2
Will	327,546	7.6	.8	.3	.0	.4	20.9	10.3	8.1
Williamson	57,318	8.0	1.0	.0	.3	.0	28.6	13.3	7.0
Winnebago	249,656	11.3	2.4	1.0	.0	.2	19.9	13.2	5.5
Woodford	32,809	6.1	.0	.6	.0	.0	28.0	8.5	.0
Indiana	5,487,462	9.2	1.4	.2	.1	.1	20.7	11.3	6.3
Adams	29,844	6.0	.7	.0	.0	.0	28.8	7.4	.0
Allen	291,688	6.9	1.2	.4	.1	.1	20.4	11.8	5.2
Bartholomew	64,545	4.0	.6	.3	.0	.0	23.5	9.6	2.5
Benton	10,087	5.9	.0	.0	.0	.0	27.8	9.9	.0
Blackford	15,312	13.1	1.3	.0	.0	1.3	20.9	17.0	5.2

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Lawrence..........	16.7	4.4	0.0	0.0	0.0	21.1	17.6	27.6	23	49	57	27
Lee...............	15.3	5.7	.0	.6	.6	20.4	22.6	33.8	50	13	54	31
Livingston........	12.7	4.4	.5	.5	2.0	19.0	17.2	24.4	15	65	48	40
Logan.............	19.7	1.9	1.3	.0	.0	22.9	16.3	27.0	19	59	63	15
McDonough.........	12.0	2.7	.0	.0	.0	14.7	13.8	20.8	5	95	27	81
McHenry...........	17.5	2.6	2.1	.4	.3	22.3	19.2	30.4	34	28	61	18
McLean............	9.9	2.0	.8	.0	1.0	13.4	14.6	22.0	7	85	21	89
Macon.............	13.1	2.6	.3	.0	.5	16.3	16.4	25.2	15	66	35	67
Macoupin..........	17.9	.4	.4	.0	.0	18.3	13.0	21.8	5	93	45	44
Madison...........	14.0	2.0	1.2	.2	.9	17.5	19.6	30.0	33	29	41	54
Marion............	18.2	3.6	2.7	.0	11.8	35.0	20.9	31.3	40	21	90	2
Marshall..........	11.5	1.4	.0	.0	.0	12.9	13.9	21.3	6	90	19	92
Mason.............	16.0	2.1	.0	.0	1.1	19.2	15.5	24.7	12	75	49	39
Massac............	16.1	1.3	2.7	.0	1.3	21.4	17.4	25.6	18	60	58	23
Menard............	10.4	1.7	.0	1.7	1.7	15.5	24.6	35.8	59	9	31	71
Mercer............	7.3	2.1	.0	1.0	.0	10.4	20.3	28.8	32	32	9	100
Monroe............	13.7	.0	2.0	.0	1.0	16.7	19.4	28.1	29	40	37	64
Montgomery........	10.6	3.1	.0	.6	1.9	16.2	18.0	27.6	24	45	34	69
Morgan............	16.6	3.8	.0	.0	.0	20.4	16.3	26.1	17	62	54	33
Moultrie..........	11.0	1.4	.0	.0	.0	12.4	8.8	14.3	0	102	17	93
Ogle..............	15.2	2.6	.4	.0	.0	17.8	22.8	33.7	50	12	43	52
Peoria............	15.2	2.3	.6	.1	2.7	20.0	15.3	25.3	13	73	52	36
Perry.............	10.0	.9	.0	.0	2.7	13.7	19.9	29.6	33	30	23	85
Piatt.............	13.4	1.2	1.2	.0	3.7	18.3	13.1	20.0	4	97	45	45
Pike..............	7.5	9.6	.0	1.1	.0	17.1	18.5	25.5	20	55	39	59
Pope..............	9.0	9.0	.0	.0	.0	18.1	27.8	38.7	70	5	44	49
Pulaski...........	13.7	2.3	2.3	.0	.0	18.2	28.6	42.6	77	3	44	48
Putnam............	16.5	.0	.0	.0	.0	16.5	11.0	16.8	1	101	36	65
Randolph..........	10.7	1.1	1.1	.0	.6	13.0	20.7	30.7	38	23	19	91
Richland..........	13.3	1.1	1.1	.0	.0	15.5	16.1	24.7	13	70	31	72
Rock Island.......	14.5	1.9	.5	.1	.7	17.7	15.8	24.9	13	72	42	53
St. Clair.........	17.0	2.8	1.3	.4	.4	21.2	25.9	38.7	67	8	57	25
Saline............	15.5	7.0	.0	.0	.0	22.5	18.9	29.7	31	33	62	17
Sangamon..........	19.7	3.5	.5	.2	1.0	24.8	19.0	30.4	33	31	70	11
Schuyler..........	7.4	2.5	.0	.0	4.9	14.8	17.6	26.8	22	52	28	80
Scott.............	3.3	3.3	.0	.0	.0	6.6	12.5	17.4	2	99	2	102
Shelby............	9.3	1.7	.0	.0	1.7	11.8	17.9	26.3	21	53	14	95
Stark.............	11.2	.0	.0	.0	.0	11.2	15.1	24.1	11	79	12	98
Stephenson........	12.9	.8	.4	.0	1.2	15.3	13.7	22.0	6	88	30	75
Tazewell..........	9.1	1.1	.2	.2	1.4	11.7	13.8	20.9	5	94	14	97
Union.............	12.4	3.4	2.3	.0	.0	18.0	27.4	38.6	69	7	44	50
Vermilion.........	16.2	2.1	.4	.0	1.9	20.2	20.0	30.9	37	24	53	35
Wabash............	12.9	1.4	.0	.0	.0	14.4	15.6	22.8	9	83	25	83
Warren............	8.4	2.8	.9	.0	.0	12.1	16.3	23.8	12	76	16	94
Washington........	17.0	1.3	1.3	.0	.0	19.6	17.7	25.9	20	56	50	37
Wayne.............	13.0	1.1	1.1	.0	.0	15.2	23.3	34.3	53	11	30	78
White.............	11.2	3.3	.0	.0	2.2	16.7	21.4	30.1	39	22	37	62
Whiteside.........	13.9	1.5	1.5	.3	1.9	17.9	18.3	28.3	26	41	43	51
Will..............	15.4	3.2	7.4	.0	1.2	27.0	19.3	28.8	30	37	76	7
Williamson........	13.6	2.4	.0	.3	.0	16.1	22.6	33.6	50	15	34	70
Winnebago.........	17.3	6.4	3.4	.1	.4	26.6	21.8	33.3	47	16	75	9
Woodford..........	12.2	1.2	1.8	.0	.0	15.2	16.6	24.4	14	69	30	77
Indiana.............	13.7	4.1	1.2	.2	1.0	19.7	19.4	29.7	-	-	-	-
Adams.............	10.7	2.0	.0	.0	.7	12.7	16.7	24.4	14	69	19	70
Allen.............	9.8	5.3	.8	.2	1.3	17.2	18.0	26.9	22	53	40	31
Bartholomew.......	7.1	2.5	4.6	.0	.6	14.6	15.6	22.4	9	79	26	53
Benton............	11.9	.0	.0	.0	.0	11.9	16.1	24.0	12	74	15	76
Blackford.........	24.8	9.1	1.3	.0	1.3	35.3	22.6	35.7	54	7	90	1

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Boone	37,190	3.8	1.1	0.0	0.0	0.0	12.4	11.8	3.2
Brown	12,299	3.3	1.6	.0	.0	.0	35.8	13.0	3.3
Carroll	19,483	6.2	.0	.0	.0	.0	27.7	10.3	2.1
Cass	40,375	9.4	1.5	.0	.0	.0	31.7	10.4	6.4
Clark	89,185	10.5	2.9	.2	.2	.0	19.3	11.4	5.6
Clay	24,745	6.5	.8	.0	.8	.0	31.5	17.0	1.6
Clinton	31,388	10.8	.6	1.3	.0	.0	21.0	13.4	1.9
Crawford	9,915	12.1	4.0	.0	.0	.0	24.2	16.1	12.1
Daviess	28,281	9.9	.7	.0	.0	.0	21.2	7.8	.7
Dearborn	35,388	14.1	1.1	.6	.0	.6	19.8	10.7	1.7
Decatur	23,823	6.7	.8	.0	.0	.0	16.8	7.6	1.7
De Kalb	33,280	5.4	2.4	.0	.0	.0	28.8	7.8	2.4
Delaware	125,462	10.2	.8	.5	.0	.0	17.2	12.0	6.9
Dubois	34,817	10.9	.6	.6	.0	.0	33.9	12.1	.0
Elkhart	140,207	5.7	1.4	.1	.0	.1	23.5	9.1	3.6
Fayette	27,985	9.3	1.4	.7	.7	.0	22.9	15.7	.7
Floyd	61,996	10.0	1.9	.0	.0	.3	16.1	14.2	6.8
Fountain	18,989	7.4	1.1	.0	.0	.0	25.3	10.5	5.3
Franklin	19,966	5.0	.0	.0	.0	.0	18.0	10.0	2.0
Fulton	19,032	12.6	.0	1.1	.0	.0	22.1	11.6	.0
Gibson	33,639	7.1	1.2	.0	.0	.0	27.3	9.5	.6
Grant	78,959	8.9	2.0	.0	.3	.0	21.5	11.7	5.3
Greene	30,465	8.5	.0	.0	.0	.0	26.3	7.9	5.9
Hamilton	85,664	5.4	.0	.2	.0	.0	16.1	7.5	1.9
Hancock	44,039	5.9	.9	.0	.0	.0	20.9	7.3	2.3
Harrison	27,921	4.3	1.4	.0	.7	.0	25.8	10.0	1.4
Hendricks	71,162	3.7	.8	.0	.3	.3	19.4	13.2	2.0
Henry	51,794	7.7	.0	.0	.0	.0	28.6	16.2	6.6
Howard	85,919	9.1	1.6	.2	.2	.0	21.6	10.5	3.3
Huntington	35,221	4.5	1.1	.0	.0	.0	25.0	7.9	1.7
Jackson	36,853	7.1	1.1	.0	.0	.0	25.5	10.3	3.3
Jasper	26,342	6.8	.8	.0	.0	.0	22.8	6.1	1.5
Jay	22,675	6.2	.0	.0	.0	.0	28.2	14.1	1.8
Jefferson	30,328	10.6	1.3	.0	.7	.0	20.4	10.6	4.0
Jennings	22,789	9.7	.9	.9	.0	.0	25.5	13.2	1.8
Johnson	79,196	6.1	1.3	.0	.3	.0	15.2	13.1	2.0
Knox	42,036	7.6	1.9	.5	.0	.0	19.0	8.1	2.4
Kosciusko	60,691	6.3	1.0	.3	.0	.0	28.0	9.6	2.0
Lagrange	26,513	5.3	.8	.0	.0	.0	31.7	9.8	3.0
Lake	512,019	15.2	.4	.2	.0	.0	17.7	8.9	20.5
La Porte	107,759	12.6	1.9	.0	.0	.0	25.1	11.5	4.3
Lawrence	42,229	10.9	1.4	.0	.0	.0	20.4	10.4	.5
Madison	135,966	11.0	1.6	.1	.3	.1	23.5	13.1	3.4
Marion	772,798	11.7	4.1	.4	.1	.0	16.6	13.3	11.1
Marshall	39,943	6.0	1.0	.0	.0	.0	26.5	4.5	3.0
Martin	11,034	5.4	.0	.0	.0	.0	27.2	23.6	3.6
Miami	38,696	7.2	1.6	.0	.0	.0	24.8	11.9	5.7
Monroe	100,108	5.8	1.0	.0	.0	.0	14.0	12.2	2.4
Montgomery	35,520	7.9	1.1	.0	.0	.0	17.5	13.0	2.3
Morgan	52,867	9.1	1.1	.4	.0	.0	15.5	13.2	4.2
Newton	14,354	8.4	.0	.0	.0	.0	32.0	11.1	2.8
Noble	35,858	6.7	.0	.0	.0	.0	21.2	12.8	2.8
Ohio	5,254	7.6	.0	.0	.0	.0	22.8	7.6	3.8
Orange	18,820	7.4	.0	.0	.0	.0	27.6	8.5	4.3
Owen	16,201	2.5	.0	.0	.0	.0	23.5	9.9	1.2
Parke	16,299	7.4	.0	.0	.0	.0	27.0	13.5	1.2
Perry	19,298	11.4	2.1	.0	.0	.0	21.8	19.7	2.1
Pike	13,344	10.5	1.5	.0	.0	1.5	31.5	9.0	1.5
Porter	121,364	6.1	.7	.2	.0	.0	23.4	11.7	2.5
Posey	26,264	8.4	1.5	.0	.0	.0	19.0	11.4	3.0

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Boone	5.9	2.7	2.2	0.0	0.5	11.3	11.7	17.7	2	91	12	83
Brown	6.5	6.5	1.6	1.6	.0	16.3	22.1	30.6	41	18	34	43
Carroll	8.2	.0	.0	.0	1.0	10.3	17.2	25.7	18	60	9	86
Cass	15.4	3.0	.5	.0	.0	17.8	23.8	35.2	56	6	43	28
Clark	15.0	5.8	.4	.2	.0	20.6	20.7	31.4	40	20	55	16
Clay	11.3	2.4	.8	.8	.0	14.5	21.7	31.8	43	16	26	54
Clinton	14.7	1.9	1.3	.0	.6	17.8	18.8	29.5	31	35	43	27
Crawford	20.2	8.1	.0	.0	.0	26.2	28.1	42.1	76	1	74	6
Daviess	12.7	1.4	.0	.0	.0	14.1	15.6	24.7	13	73	24	59
Dearborn	19.2	3.4	1.1	.0	.6	24.3	19.3	31.2	36	26	68	7
Decatur	9.2	.8	.8	.0	.8	11.8	12.9	20.0	4	85	14	78
De Kalb	11.4	4.8	.0	.0	.6	16.8	19.4	27.3	27	45	38	32
Delaware	15.1	3.3	1.6	.2	.8	20.4	18.3	28.9	28	40	54	18
Dubois	20.1	8.6	1.1	.6	.0	31.0	22.3	33.9	50	10	84	2
Elkhart	10.0	3.4	1.1	.4	1.0	15.5	17.4	25.3	17	61	31	48
Fayette	16.4	2.9	2.1	.7	.7	21.4	19.8	30.1	34	29	58	11
Floyd	15.2	3.9	.6	.0	2.3	21.0	19.2	29.9	32	33	56	14
Fountain	14.7	2.1	1.1	.0	1.1	20.0	19.3	28.7	30	37	52	23
Franklin	8.0	2.0	2.0	.0	.0	12.0	12.6	19.3	3	88	15	74
Fulton	13.7	1.1	1.1	1.1	.0	16.8	17.8	29.0	27	42	38	33
Gibson	11.3	2.4	.6	.0	.6	14.3	17.8	26.4	21	57	25	58
Grant	13.9	5.1	1.5	.8	.0	21.3	19.8	29.8	34	30	58	12
Greene	14.4	1.3	.7	.0	.0	16.4	18.9	28.7	29	39	35	39
Hamilton	7.0	.5	.5	.0	.2	8.4	11.6	17.8	2	90	4	91
Hancock	8.2	3.6	1.4	.0	.9	13.2	14.6	21.7	7	81	20	63
Harrison	7.9	5.0	.0	.7	.0	13.6	17.4	24.5	16	64	22	61
Hendricks	6.7	3.1	.8	.3	1.1	11.5	14.6	21.3	6	82	13	81
Henry	10.8	1.9	.4	.0	.4	13.1	21.5	32.7	45	14	20	64
Howard	14.0	2.8	.9	.2	2.8	20.0	18.5	28.2	27	44	53	22
Huntington	9.1	1.1	.0	.0	1.1	11.9	15.9	22.7	10	78	15	75
Jackson	13.0	2.2	1.1	.5	.0	16.3	18.3	27.2	24	49	35	41
Jasper	9.1	3.8	.0	.0	.0	12.9	15.1	22.5	8	80	19	65
Jay	10.6	.0	.0	.9	.9	12.3	18.0	27.2	23	52	17	73
Jefferson	13.8	3.3	.7	.7	.0	18.5	18.9	29.3	30	36	46	25
Jennings	14.0	2.6	.9	.0	.0	16.7	19.9	30.4	35	27	37	36
Johnson	9.3	3.0	1.5	.3	.5	14.4	13.9	21.5	6	83	25	56
Knox	12.4	4.3	1.4	.5	.0	17.6	16.2	24.2	13	72	42	29
Kosciusko	9.2	3.3	.7	.0	.7	13.8	18.5	26.9	24	50	23	60
Lagrange	6.0	1.5	.8	.8	.8	9.8	19.6	28.1	30	38	7	89
Lake	23.7	1.4	.5	.0	1.5	27.1	25.7	40.8	70	2	76	5
La Porte	18.2	3.9	.6	.0	.2	22.6	21.9	34.1	49	11	63	9
Lawrence	16.6	3.3	.9	.0	.0	20.4	16.7	26.7	19	58	54	19
Madison	13.7	3.1	.6	.4	.4	18.1	20.8	32.2	42	17	44	26
Marion	16.7	10.2	3.0	.4	1.6	30.2	24.3	36.6	60	4	83	3
Marshall	8.0	2.0	1.0	.5	1.0	12.5	16.9	24.4	15	68	18	72
Martin	12.7	.0	.0	.0	.0	12.7	20.1	30.6	37	25	18	71
Miami	11.4	2.6	.5	.5	.5	15.5	20.0	29.6	34	31	31	49
Monroe	7.8	3.4	.2	.0	.4	11.8	12.8	20.0	4	86	14	77
Montgomery	11.3	2.8	.6	.0	.6	15.8	15.3	24.1	11	76	32	46
Morgan	11.0	4.2	1.1	.0	.4	16.3	16.4	25.9	17	63	35	42
Newton	12.5	1.4	2.8	.0	1.4	16.7	20.4	30.8	38	24	37	34
Noble	8.4	1.1	1.7	.6	1.7	12.8	15.5	24.1	12	75	19	67
Ohio	11.4	.0	.0	.0	.0	11.4	16.0	24.6	13	70	12	82
Orange	10.6	.0	1.1	.0	1.1	12.8	18.4	27.6	25	47	19	69
Owen	7.4	6.2	.0	.0	1.2	14.8	13.4	19.2	4	87	28	51
Parke	8.6	2.5	.0	.0	.0	11.0	17.6	27.1	22	54	11	84
Perry	15.5	5.2	.0	.0	.0	20.7	20.8	33.1	44	15	55	15
Pike	13.5	1.5	.0	.0	1.5	16.5	23.0	33.9	51	8	36	38
Porter	9.6	1.5	.5	.2	.2	11.7	16.7	24.9	15	67	14	80
Posey	11.4	3.0	2.3	.0	.0	16.0	16.7	25.7	17	62	33	44

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Pulaski	13,291	7.5	0.0	0.0	0.0	0.0	36.1	4.5	1.5
Putnam	29,433	4.8	.0	.0	.0	.0	17.7	11.6	.7
Randolph	29,093	6.9	.7	.0	.0	.7	23.4	10.3	2.7
Ripley	24,801	8.9	.0	.0	.0	.0	24.2	4.8	2.4
Rush	19,216	6.2	1.0	1.0	.0	.0	31.2	12.5	2.1
St. Joseph	240,930	10.1	1.1	.1	.1	.0	15.6	10.4	7.5
Scott	20,467	2.9	2.9	.0	.0	.0	34.2	15.6	7.8
Shelby	39,828	15.6	1.5	.0	.0	.0	22.1	15.6	2.0
Spencer	19,905	6.0	2.0	1.0	.0	.0	30.1	9.0	4.0
Starke	21,493	7.4	.9	.0	.0	.0	43.7	9.3	2.8
Steuben	25,027	8.8	1.6	.0	.0	1.6	26.4	10.4	.8
Sullivan	20,856	7.7	1.0	.0	.0	.0	24.9	16.3	3.8
Switzerland	7,223	8.3	.0	.0	.0	.0	22.2	16.6	.0
Tippecanoe	123,320	6.6	1.0	.0	.0	.0	13.6	11.2	2.6
Tipton	16,449	3.6	.0	.0	.0	.0	25.5	14.6	1.2
Union	6,895	2.9	5.8	.0	.0	.0	26.1	11.6	.0
Vanderburgh	167,539	9.2	1.2	.1	.0	.0	15.2	13.4	6.6
Vermillion	17,936	12.3	.0	.0	1.1	.0	27.9	13.4	2.2
Vigo	111,023	11.7	.9	.0	.0	.0	20.7	13.5	5.8
Wabash	35,703	6.2	.6	.0	.0	.0	29.7	10.6	1.7
Warren	8,861	13.5	.0	.0	.0	.0	27.1	4.5	.0
Warrick	43,235	8.3	.5	.0	.5	.0	22.2	9.3	1.9
Washington	22,034	8.2	.9	.0	.0	.0	30.9	9.1	3.6
Wayne	74,660	8.6	.5	.3	.0	.5	22.2	10.2	4.8
Wells	24,962	3.2	.0	.0	.0	.0	18.4	10.4	.8
White	23,570	7.6	1.7	.0	.0	.0	34.8	13.6	.8
Whitley	26,234	4.6	.8	.0	.0	.0	29.7	7.6	3.8
Iowa	2,904,354	7.7	1.2	.2	.1	.0	20.1	11.3	2.3
Adair	9,320	8.6	2.1	.0	.0	.0	19.3	8.6	.0
Adams	5,631	7.1	3.6	.0	.0	.0	10.7	10.7	3.6
Allamakee	15,310	13.1	2.6	1.3	.0	.0	34.0	13.1	1.3
Appanoose	15,061	9.3	1.3	.0	.0	.0	14.6	15.9	2.7
Audubon	8,452	2.4	2.4	.0	.0	.0	30.8	9.5	.0
Benton	23,310	5.1	.9	.0	.0	.0	26.6	8.6	.9
Black Hawk	135,476	5.9	1.3	.6	.0	.0	15.5	11.5	2.8
Boone	26,075	6.9	1.5	.0	.0	.0	19.2	11.5	3.8
Bremer	24,631	6.5	.8	.0	.0	.0	18.7	10.6	.0
Buchanan	22,946	5.2	.9	.0	.0	.0	20.9	12.2	.9
Buena Vista	20,778	8.7	1.9	.0	.0	.0	20.2	11.6	1.9
Butler	17,464	5.7	.0	.0	.0	.0	20.6	6.9	5.7
Calhoun	13,166	6.1	1.5	.0	1.5	.0	31.9	7.6	.0
Carroll	22,901	7.9	.9	.0	.0	.0	18.3	9.6	1.7
Cass	16,960	9.4	.0	.0	1.2	.0	28.3	13.0	1.2
Cedar	18,808	5.3	.0	.0	.0	.0	21.3	11.7	.0
Cerro Gordo	48,619	9.5	1.2	.4	.4	.0	16.9	9.9	.8
Cherokee	16,012	7.5	1.2	.0	.0	.0	23.7	7.5	1.2
Chickasaw	15,392	5.2	2.6	1.3	.0	.0	26.0	7.8	.0
Clarke	8,649	4.6	.0	.0	.0	.0	16.2	6.9	.0
Clay	19,306	2.1	1.0	.0	.0	.0	21.8	9.3	.0
Clayton	21,203	8.5	.0	.0	.0	.0	31.1	15.1	.0
Clinton	56,285	9.2	.4	.4	.0	.0	16.7	11.0	1.4
Crawford	19,178	4.2	1.0	.0	.0	.0	30.2	12.5	.0
Dallas	29,606	8.8	.7	.7	.0	.0	20.9	12.2	1.4
Davis	9,106	.0	2.2	.0	.0	.0	28.6	8.8	2.2
Decatur	9,457	4.2	.0	.0	2.1	.0	27.5	6.3	2.1
Delaware	19,079	7.3	1.0	.0	.0	.0	23.1	10.5	.0
Des Moines	45,481	10.6	1.3	.0	.4	.0	20.2	9.2	3.5
Dickinson	15,548	12.9	.0	.0	.0	.0	14.1	11.6	.0

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Pulaski	9.0	0.0	0.0	0.0	0.0	9.0	19.9	28.9	31	34	5	90
Putnam	8.8	2.0	.0	.0	.0	10.9	12.0	18.6	2	89	11	85
Randolph	11.0	1.4	1.4	.0	1.4	15.1	17.4	25.9	19	59	29	50
Ripley	12.1	1.6	.8	.0	.8	14.5	15.9	24.6	13	71	26	55
Rush	9.4	4.2	1.0	.0	.0	14.6	21.2	30.5	39	21	26	52
St. Joseph	13.9	5.0	2.0	.3	1.5	22.5	17.5	27.8	23	51	62	10
Scott	7.8	3.9	.0	.0	.0	11.7	25.3	34.6	57	5	14	79
Shelby	19.1	5.0	3.5	.0	.5	27.1	21.2	35.1	50	9	76	4
Spencer	7.0	4.0	1.0	.0	.0	10.0	21.8	30.6	41	19	8	87
Starke	14.9	3.7	.0	.0	.0	18.6	25.5	36.4	62	3	46	24
Steuben	12.8	8.8	.0	.0	1.6	23.2	20.3	29.9	35	28	65	8
Sullivan	8.6	1.9	1.0	1.0	1.9	14.4	19.6	29.9	33	32	25	57
Switzerland	13.8	2.8	.0	.0	.0	16.6	16.0	25.8	16	65	37	37
Tippecanoe	10.2	2.3	.3	.0	4.2	16.7	12.9	20.3	4	84	37	35
Tipton	7.3	.0	.0	.0	.0	7.3	15.7	23.2	10	77	3	92
Union	8.7	8.7	2.9	.0	.0	20.3	20.3	26.7	27	41	53	21
Vanderburgh	14.2	3.2	.5	.0	.1	17.4	17.2	27.2	21	56	41	30
Vermillion	15.6	4.5	.0	2.2	.0	21.2	21.6	33.9	48	13	57	13
Vigo	16.6	3.6	.2	.0	.0	20.5	19.8	31.7	39	22	54	17
Wabash	11.2	.6	.0	.6	.0	12.9	18.5	27.2	24	48	19	66
Warren	15.8	.0	.0	.0	.0	15.8	17.8	28.9	27	43	32	45
Warrick	10.6	3.2	1.9	.9	.0	15.7	16.4	25.2	15	66	32	47
Washington	11.8	3.6	.9	.0	.0	16.3	20.7	30.7	39	23	35	40
Wayne	11.8	4.8	2.1	.0	3.2	20.4	18.5	28.1	26	46	54	20
Wells	8.0	3.2	1.6	.0	.0	12.8	11.5	17.2	1	92	19	68
White	11.0	1.7	.8	.0	.0	13.6	22.6	33.0	48	12	22	62
Whitley	7.6	.8	.8	.8	.0	9.9	18.4	26.1	22	55	8	88
Iowa	12.0	3.9	1.1	.2	.7	17.4	16.6	25.3	-	-	-	-
Adair	12.9	2.1	.0	2.1	4.3	21.5	15.5	23.7	11	64	58	24
Adams	7.1	3.6	.0	.0	.0	10.7	14.7	22.2	8	77	10	82
Allamakee	14.4	7.8	2.6	1.3	1.3	26.1	26.8	40.0	70	4	74	5
Appanoose	18.6	1.3	.0	.0	2.7	21.2	15.7	25.5	14	54	57	27
Audubon	9.5	11.8	2.4	.0	.0	23.7	18.1	24.4	17	47	66	13
Benton	6.9	2.6	.0	.0	.9	10.3	16.3	23.6	12	60	9	85
Black Hawk	10.0	5.6	2.4	.0	.6	18.3	14.5	21.8	7	79	45	39
Boone	17.6	3.1	.0	.0	1.5	22.2	16.5	25.0	15	53	61	21
Bremer	8.9	1.6	.0	.0	.8	10.6	13.4	20.8	5	86	10	83
Buchanan	9.6	.9	.9	.0	.9	11.3	14.7	22.0	7	78	12	77
Buena Vista	15.4	2.9	1.0	1.0	.0	19.3	17.2	26.4	20	39	49	34
Butler	10.3	6.9	.0	.0	.0	17.2	15.1	22.6	8	72	39	47
Calhoun	12.2	4.6	3.0	1.5	1.5	19.7	20.4	28.5	32	21	51	32
Carroll	15.7	2.6	1.7	.0	4.4	21.0	14.5	22.7	8	75	56	28
Cass	10.6	3.5	.0	1.2	.0	14.2	20.1	30.7	37	19	24	61
Cedar	6.4	.0	.0	.0	.0	6.4	13.5	20.7	4	87	1	96
Cerro Gordo	14.0	4.5	.8	.8	4.1	22.6	15.4	24.2	11	62	63	19
Cherokee	10.0	6.2	1.2	.0	1.2	17.5	16.4	24.5	14	56	41	46
Chickasaw	7.8	5.2	2.6	.0	.0	14.3	18.5	25.5	21	36	25	59
Clarke	9.2	.0	2.3	.0	.0	11.6	10.1	15.5	1	98	13	75
Clay	4.1	3.1	1.0	.0	1.0	9.3	12.9	18.0	2	92	6	89
Clayton	17.0	3.8	1.9	.0	.0	22.6	19.6	30.1	34	20	63	18
Clinton	16.0	2.5	.4	.7	.7	19.5	14.4	23.3	8	71	50	33
Crawford	7.3	4.2	1.0	.0	.0	12.5	18.0	25.7	20	38	18	68
Dallas	15.5	6.8	4.1	.0	.0	25.7	16.8	26.2	18	44	72	7
Davis	4.4	8.8	.0	.0	4.4	13.2	17.0	22.0	10	67	20	66
Decatur	12.7	2.1	.0	2.1	.0	14.8	17.7	24.4	16	50	28	56
Delaware	13.6	3.1	1.0	.0	1.0	18.9	15.8	24.1	12	59	47	35
Des Moines	16.7	4.8	.4	.4	.4	22.9	18.1	28.2	26	30	63	17
Dickinson	15.4	12.9	.0	.0	.0	28.3	13.5	24.0	8	73	79	3

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Dubuque...........	92,691	10.6	1.7	0.0	0.4	0.2	17.9	8.4	1.3
Emmet.............	12,946	6.2	3.1	1.5	.0	.0	32.4	20.1	3.1
Fayette...........	24,949	8.0	1.6	.0	.0	.0	16.8	8.0	.0
Floyd.............	19,369	4.1	1.0	.0	1.0	.0	21.7	7.2	.0
Franklin..........	12,834	3.1	.0	.0	.0	.0	18.7	6.2	3.1
Fremont...........	9,288	6.5	.0	2.2	.0	.0	32.3	8.6	6.5
Greene............	11,891	6.7	.0	.0	.0	.0	30.3	16.8	.0
Grundy............	14,016	5.7	.0	.0	.0	.0	15.7	14.3	.0
Guthrie...........	11,669	15.4	.0	.0	.0	.0	25.7	20.6	.0
Hamilton..........	17,637	6.8	.0	.0	.0	.0	18.1	6.8	1.1
Hancock...........	13,708	7.3	.0	.0	.0	.0	17.5	10.2	2.9
Hardin............	21,678	5.5	.0	.9	.0	.0	23.1	8.3	.0
Harrison..........	16,247	7.4	.0	.0	.0	.0	28.3	7.4	2.5
Henry.............	18,664	5.4	.0	.0	.0	.0	16.1	17.1	8.6
Howard............	11,053	10.9	7.2	.0	1.8	.0	27.1	9.0	3.6
Humboldt..........	12,122	8.2	1.6	.0	.0	.0	18.1	13.2	.0
Ida...............	8,938	6.7	2.2	.0	.0	.0	22.4	13.4	.0
Iowa..............	15,351	5.2	.0	1.3	.0	.0	20.8	5.2	.0
Jackson...........	22,449	8.9	1.8	.0	.0	.0	28.5	11.6	4.5
Jasper............	36,157	11.1	1.1	.0	.0	.6	20.5	11.6	2.8
Jefferson.........	16,369	2.4	1.2	.0	.0	.0	24.4	9.8	1.2
Johnson...........	83,653	3.8	.5	.0	.0	.0	13.9	10.5	1.9
Jones.............	20,337	4.9	1.0	.0	.0	.0	26.6	13.8	1.0
Keokuk............	12,753	7.8	1.6	.0	.0	.0	51.8	11.0	.0
Kossuth...........	21,516	10.2	.9	.0	.0	.0	22.3	8.4	.9
Lee...............	42,518	11.3	.9	.0	.0	.0	24.5	13.2	3.3
Linn..............	168,715	7.6	.8	.2	.4	.0	13.3	9.4	2.6
Louisa............	12,102	5.0	.0	.0	.0	.0	23.1	18.2	.0
Lucas.............	10,230	9.8	2.0	.0	.0	.0	27.4	13.7	3.9
Lyon..............	12,820	1.6	.0	.0	.0	.0	26.5	20.3	.0
Madison...........	12,542	1.6	1.6	1.6	.0	1.6	19.1	11.2	3.2
Mahaska...........	22,671	4.4	1.8	1.8	.0	.0	24.7	11.5	1.8
Marion............	29,700	8.1	2.7	.0	.0	.0	16.8	15.5	2.0
Marshall..........	41,569	10.6	1.4	.5	.5	.0	20.2	12.0	1.0
Mills.............	13,482	3.0	.0	1.5	.0	.0	19.3	5.9	.0
Mitchell..........	12,082	8.3	1.7	.0	.0	.0	21.5	14.9	.0
Monona............	11,518	12.2	1.7	.0	.0	.0	27.8	8.7	.0
Monroe............	9,083	8.8	.0	.0	.0	.0	44.0	8.8	8.8
Montgomery........	13,268	10.6	.0	.0	.0	.0	10.6	19.6	.0
Muscatine.........	41,197	9.2	1.9	.0	.0	.0	30.6	8.7	3.9
O'8rien...........	16,826	10.7	.0	1.2	.0	.0	23.8	8.3	2.4
Osceola...........	8,309	12.0	4.8	.0	.0	.0	24.1	9.6	2.4
Page..............	18,704	6.4	1.1	1.1	.0	.0	26.7	5.3	4.3
Palo Alto.........	12,522	4.8	3.2	3.2	1.6	.0	30.3	4.8	1.6
Plymouth..........	24,536	5.7	.0	.0	.0	.0	26.9	8.2	.0
Pocahontas........	11,272	7.1	.0	.0	.0	.0	19.5	8.9	.0
Polk..............	308,112	10.1	1.9	.3	.1	.0	17.1	13.4	4.9
Pottawattamie.....	87,459	9.1	1.6	.5	.0	.0	14.2	13.3	3.7
Poweshiek.........	19,035	2.1	2.1	.0	.0	.0	26.3	11.6	4.2
Ringgold..........	5,980	6.7	.0	.0	.0	.0	40.1	13.4	3.3
Sac...............	13,708	8.8	2.9	.0	.0	.0	24.8	7.3	1.5
Scott.............	159,731	8.5	1.6	.3	.0	.0	16.0	16.7	4.6
Shelby............	14,957	5.3	.0	.0	.0	.0	33.4	12.0	.0
Sioux.............	30,830	3.9	.0	.0	.0	.0	20.1	5.8	.6
Story.............	72,547	3.6	1.4	.0	.0	.0	11.3	7.4	.6
Tama..............	19,471	11.3	.0	1.0	1.0	.0	31.8	19.5	4.1
Taylor............	8,250	7.3	.0	.0	.0	.0	26.7	17.0	7.3
Union.............	13,733	4.4	.0	.0	.0	.0	18.9	17.5	2.9
Van Buren.........	8,511	4.7	2.3	.0	.0	.0	14.1	23.5	2.3
Wapello...........	39,757	7.5	.5	.0	.5	.0	18.6	12.6	1.5

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirr-hosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Per-centile)	Rank in State	Rank in U.S. (Per-centile)	Rank in State
							Mini-mum	Maxi-mum				
Dubuque...........	16.0	4.3	4.1	0.4	1.1	24.4	16.5	25.9	17	49	69	10
Emmet.............	9.3	7.7	1.5	.0	1.5	20.1	26.3	37.1	64	6	53	31
Fayette...........	14.4	4.0	.0	.0	.0	17.6	13.6	21.1	5	84	42	43
Floyd.............	6.2	5.2	1.0	1.0	1.0	12.4	14.3	20.2	5	85	17	71
Franklin..........	3.1	3.1	1.6	.0	3.1	10.9	11.8	17.2	2	94	11	79
Fremont...........	15.1	2.2	2.2	.0	2.2	21.5	23.1	32.7	49	11	59	23
Greene............	10.1	.0	.0	.0	.0	10.1	18.8	28.7	29	23	8	86
Grundy............	14.3	8.6	.0	.0	.0	21.4	11.8	19.0	2	93	58	26
Guthrie...........	18.9	1.7	1.7	.0	.0	22.3	21.2	35.9	52	9	61	20
Hamilton..........	10.2	1.1	1.1	.0	.0	12.5	12.3	19.3	3	91	17	69
Hancock...........	7.3	.0	.0	.0	.0	7.3	13.8	21.9	6	82	3	93
Hardin............	11.1	3.7	3.7	.0	.0	18.5	14.5	21.5	7	80	46	37
Harrison..........	8.6	1.2	.0	1.2	.0	11.1	17.6	26.3	20	37	11	78
Henry.............	8.6	1.1	.0	.0	1.1	10.7	16.4	25.4	16	51	10	80
Howard............	16.3	10.9	.0	1.8	.0	27.1	28.4	39.4	72	3	77	4
Humboldt..........	8.2	1.6	1.6	.0	.0	11.5	15.3	24.0	11	63	13	76
Ida...............	6.7	4.5	2.2	.0	.0	13.4	17.1	25.4	17	48	21	65
Iowa..............	9.1	3.9	3.9	.0	.0	16.9	13.2	19.2	3	90	38	50
Jackson...........	14.3	2.7	.0	.0	.9	17.8	21.8	32.5	45	15	43	41
Jasper............	14.4	2.2	1.1	.0	1.1	18.3	18.4	29.1	29	24	45	40
Jefferson.........	3.7	1.2	1.2	.0	.0	6.1	15.0	20.9	6	81	1	98
Johnson...........	4.8	.7	.5	.0	.2	6.2	10.9	16.6	1	97	1	97
Jones.............	10.8	4.9	3.0	.0	1.0	18.7	17.4	25.5	18	45	47	36
Keokuk............	7.8	7.8	.0	.0	.0	14.1	28.7	40.5	75	1	24	62
Kossuth...........	12.1	.9	.9	.0	.0	14.9	16.6	26.2	18	46	28	54
Lee...............	16.9	1.4	.0	.0	.0	18.3	20.0	31.6	39	17	45	38
Linn..............	11.1	4.0	.7	.5	1.4	16.6	13.2	20.8	4	88	36	52
Louisa............	8.3	3.3	.0	.0	.0	11.6	15.4	23.7	11	65	13	74
Lucas.............	15.6	2.0	.0	.0	.0	17.6	22.0	33.3	48	13	42	45
Lyon..............	3.1	.0	.0	.0	.0	3.1	15.8	23.0	10	68	0	99
Madison...........	4.8	1.6	4.8	.0	1.6	12.8	17.2	22.6	12	61	19	67
Mahaska...........	7.9	5.3	3.5	.0	1.8	17.6	18.8	26.2	23	35	42	42
Marion............	11.4	5.4	.0	.0	.0	14.8	17.1	26.3	19	41	28	55
Marshall..........	17.8	8.7	1.0	.5	.5	28.4	18.1	28.2	26	28	79	2
Mills.............	5.9	4.5	1.5	.0	.0	11.9	12.0	16.7	1	95	15	73
Mitchell..........	9.9	9.9	1.7	.0	1.7	23.2	17.1	26.4	19	40	65	16
Monona............	17.4	6.9	.0	.0	1.7	26.0	20.1	31.2	39	18	73	6
Monroe............	15.4	2.2	.0	.0	.0	17.6	28.0	40.6	74	2	42	44
Montgomery........	10.6	1.5	.0	.0	.0	10.6	12.7	22.9	6	83	10	84
Muscatine.........	15.0	4.9	.5	.0	.0	20.9	22.1	32.6	46	14	56	29
O'Brien...........	13.1	.0	1.2	.0	.0	14.3	18.3	28.6	27	26	25	60
Osceola...........	14.4	4.8	2.4	.0	2.4	24.1	22.9	34.1	52	10	68	12
Page..............	10.7	3.2	2.1	.0	1.1	17.1	19.1	27.1	25	31	39	48
Palo Alto.........	11.2	6.4	4.8	1.6	.0	25.6	24.4	31.4	49	12	72	8
Plymouth..........	9.0	4.1	1.6	.0	.0	14.7	15.3	22.7	9	70	27	57
Pocahontas........	12.4	.0	.0	.0	.0	12.4	12.9	20.4	4	89	17	70
Polk..............	15.3	4.4	1.1	.2	.5	20.8	18.6	29.0	29	22	55	30
Pottawattamie.....	12.8	1.6	.7	.0	.5	15.6	16.1	25.5	15	52	31	53
Poweshiek.........	9.5	3.2	2.1	.0	2.1	16.8	18.3	25.0	19	42	38	51
Ringgold..........	10.0	.0	.0	.0	.0	10.0	23.8	34.7	55	7	8	88
Sac...............	14.6	7.3	.0	.0	.0	21.9	19.1	28.0	28	25	60	22
Scott.............	12.4	4.0	1.0	.0	.1	17.0	17.6	27.6	23	34	39	49
Shelby............	6.7	2.7	.0	.0	1.3	10.7	18.6	27.3	25	33	10	81
Sioux.............	5.8	.6	.0	.0	.0	6.5	11.5	16.9	1	96	2	95
Story.............	5.8	1.9	1.4	.0	.3	9.1	9.3	13.9	0	99	6	91
Tama..............	16.4	8.2	4.1	3.1	.0	29.8	25.9	39.5	68	5	82	1
Taylor............	7.3	.0	.0	.0	.0	7.3	21.0	32.0	42	16	3	94
Union.............	5.8	2.9	.0	.0	.0	8.7	14.6	22.5	8	76	5	92
Van Buren.........	11.8	4.7	.0	.0	.0	14.1	16.0	24.5	13	57	24	63
Wapello...........	11.1	3.5	.0	.5	.0	14.6	15.1	23.7	10	69	26	58

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Warren	35,169	6.3	0.6	0.0	0.0	0.0	20.5	12.5	1.1
Washington	20,167	4.0	1.0	.0	1.0	.0	27.8	10.9	1.0
Wayne	7,938	5.0	.0	.0	.0	.0	32.8	10.1	2.5
Webster	44,810	11.6	.9	.0	.0	.0	32.6	10.3	2.7
Winnebago	13,012	4.6	.0	.0	.0	.0	38.4	6.1	.0
Winneshiek	22,176	8.1	1.8	.0	.0	.0	19.8	11.7	.0
Woodbury	100,685	7.9	1.4	.4	.2	.0	16.9	9.7	2.4
Worth	9,081	13.2	2.2	.0	.0	.0	13.2	6.6	2.2
Wright	16,073	12.4	.0	.0	.0	.0	26.1	7.5	.0
Kansas	2,407,200	7.8	1.4	.3	.2	.1	22.9	12.0	5.3
Allen	15,916	10.1	3.8	1.3	.0	.0	31.4	11.3	1.3
Anderson	8,688	6.9	2.3	.0	.0	.0	57.5	11.5	2.3
Atchison	18,235	3.3	2.2	1.1	.0	.0	34.0	12.1	8.8
Barber	6,870	20.4	.0	.0	.0	.0	34.9	11.6	.0
Barton	32,427	7.4	.0	.0	.0	.0	37.0	18.5	2.5
Bourbon	15,827	7.6	.0	1.3	.0	.0	27.8	6.3	3.8
Brown	11,756	8.5	1.7	.0	.0	.0	25.5	8.5	3.4
Butler	46,003	10.0	.9	.4	.4	.0	32.2	11.3	3.5
Chase	3,261	.0	.0	.0	.0	.0	42.9	6.1	6.1
Chautauqua	4,988	12.0	.0	.0	.0	.0	20.0	16.0	8.0
Cherokee	22,286	13.5	.9	.0	.0	.0	29.6	9.0	6.3
Cheyenne	3,702	21.6	5.4	.0	.0	.0	21.6	27.0	.0
Clark	2,674	.0	.0	.0	.0	.0	22.4	7.5	7.5
Clay	9,677	12.4	2.1	.0	2.1	.0	33.1	4.1	.0
Cloud	12,262	8.2	3.3	.0	.0	.0	32.6	17.9	3.3
Coffey	9,497	8.4	.0	.0	.0	.0	29.5	19.0	.0
Comanche	2,551	.0	.0	.0	.0	.0	15.7	31.4	15.7
Cowley	36,782	12.0	1.6	.0	.5	.0	22.3	7.6	2.2
Crawford	38,050	13.7	2.1	.0	.0	.0	26.8	12.1	6.3
Decatur	4,568	8.8	.0	.0	.0	.0	30.6	26.3	4.4
Dickinson	20,174	8.9	1.0	.0	.0	.0	20.8	7.9	3.0
Doniphan	9,134	8.8	2.2	.0	.0	.0	15.3	6.6	6.6
Douglas	69,106	3.8	.6	.0	.0	.0	13.9	7.2	2.9
Edwards	4,203	19.0	4.8	.0	.0	.0	38.1	4.8	4.8
Elk	3,821	26.2	10.5	.0	.0	.0	26.2	5.2	5.2
Ellis	27,088	8.1	1.5	.7	1.5	.0	14.8	11.1	3.0
Ellsworth	6,523	3.1	3.1	.0	.0	.0	27.6	27.6	.0
Finney	26,905	11.2	3.7	.0	.7	.0	29.7	10.4	5.2
Ford	25,256	10.3	3.2	.0	.8	.0	26.1	17.4	7.9
Franklin	22,167	7.2	.9	.0	.0	.0	28.9	9.9	2.7
Geary	30,762	7.8	.7	.0	.0	.0	37.7	12.4	9.8
Gove	3,687	5.4	.0	.0	.0	.0	54.2	5.4	5.4
Graham	4,084	9.8	.0	.0	.0	.0	24.5	24.5	4.9
Grant	6,853	5.8	.0	.0	.0	.0	14.6	14.6	5.8
Gray	5,259	15.2	.0	.0	.0	.0	41.8	3.8	3.8
Greeley	1,848	32.5	21.6	.0	.0	.0	10.8	21.6	.0
Greenwood	8,705	6.9	2.3	.0	.0	.0	29.9	11.5	2.3
Hamilton	2,535	.0	.0	.0	.0	.0	55.2	15.8	7.9
Harper	7,763	5.2	5.2	.0	.0	.0	38.6	2.6	.0
Harvey	30,728	8.5	1.3	.0	.0	.0	25.4	4.6	3.3
Haskell	3,875	5.2	.0	.0	.0	.0	20.6	.0	.0
Hodgeman	2,290	8.7	.0	.0	.0	.0	34.9	.0	.0
Jackson	11,651	3.4	.0	.0	.0	.0	39.5	13.7	3.4
Jefferson	15,547	2.6	1.3	.0	.0	.0	37.3	12.9	5.1
Jewell	5,075	.0	.0	.0	.0	.0	27.6	7.9	.0
Johnson	285,001	4.8	1.1	.4	.1	.1	15.8	13.1	3.4
Kearny	3,668	10.9	.0	.0	.0	.0	21.8	5.5	.0

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Warren	8.0	1.1	0.0	0.0	0.6	9.1	14.8	22.7	8	74	6	90
Washington	6.9	3.0	1.0	1.0	.0	11.9	17.9	25.1	18	43	15	72
Wayne	7.6	2.5	.0	.0	.0	10.1	19.0	27.5	26	27	8	87
Webster	18.3	4.0	.4	.0	1.3	23.7	22.6	34.7	52	8	66	14
Winnebago	10.8	.0	1.5	.0	1.5	13.8	19.3	27.0	26	29	23	64
Winneshiek	14.4	8.1	1.8	.0	.0	23.4	15.8	24.4	12	58	66	15
Woodbury	12.5	5.8	1.0	.2	2.4	21.5	15.4	23.6	10	66	58	25
Worth	15.4	8.8	.0	.0	2.2	24.2	15.5	25.6	14	55	68	11
Wright	17.4	5.0	1.2	1.2	1.2	24.9	17.6	28.4	25	32	70	9
Kansas	11.9	4.6	1.1	.2	.8	18.0	19.6	29.3	-	-	-	-
Allen	15.1	7.5	1.3	.0	1.3	26.4	25.2	36.2	61	29	75	23
Anderson	11.5	4.6	2.3	.0	2.3	18.4	32.7	45.1	84	8	46	55
Atchison	4.4	5.5	3.3	.0	.0	13.2	25.5	34.5	57	32	20	81
Barber	20.4	5.8	.0	.0	.0	26.2	25.4	42.2	72	16	74	24
Barton	12.3	3.1	.0	.0	.0	14.8	23.4	35.1	55	38	28	73
Bourbon	10.1	5.1	1.3	.0	1.3	16.4	19.1	28.0	27	65	36	66
Brown	11.9	10.2	.0	.0	.0	22.1	19.2	28.6	30	62	61	41
Butler	14.3	2.6	.9	.4	.0	17.0	23.2	34.7	54	39	39	62
Chase	6.1	.0	.0	.0	.0	6.1	22.1	28.9	38	54	1	96
Chautauqua	28.1	4.0	.0	.0	.0	28.1	20.3	33.1	43	49	79	19
Cherokee	21.5	4.5	.9	.0	.0	26.9	23.6	36.7	58	31	76	22
Cheyenne	21.6	21.6	.0	.0	5.4	43.2	28.7	47.4	83	10	96	3
Clark	.0	.0	.0	.0	.0	.0	14.4	19.4	4	96	...	...
Clay	16.5	4.1	2.1	2.1	.0	24.8	23.9	35.0	56	35	70	28
Cloud	16.3	3.3	.0	.0	.0	19.6	25.4	37.0	63	26	50	50
Coffey	8.4	.0	.0	.0	2.1	10.5	19.6	30.6	35	56	10	86
Comanche	.0	.0	.0	.0	.0	.0	20.2	29.9	35	57	...	...
Cowley	17.9	6.5	.5	.5	4.3	29.4	19.0	29.6	31	60	81	14
Crawford	21.6	3.2	.5	.0	.0	24.7	24.3	37.8	62	27	70	29
Decatur	17.5	4.4	.0	.0	.0	21.9	23.8	37.1	60	30	60	42
Dickinson	17.8	7.9	1.0	.0	.0	27.8	16.4	25.3	16	80	78	20
Doniphan	8.8	10.9	4.4	.0	2.2	24.1	16.6	25.3	16	79	68	34
Douglas	5.5	1.7	.9	.0	.6	8.7	10.8	16.0	1	102	5	93
Edwards	28.5	9.5	.0	.0	.0	42.8	31.7	47.8	86	7	95	4
Elk	31.4	15.7	.0	.0	.0	47.1	35.7	54.5	93	3	97	2
Ellis	12.6	6.6	2.2	1.5	3.0	24.4	16.8	25.2	16	78	69	31
Ellsworth	6.1	3.1	.0	.0	.0	9.2	21.4	30.8	41	52	6	91
Finney	12.6	5.2	.0	.7	.0	18.6	26.0	38.0	65	22	46	54
Ford	17.4	4.8	.0	.8	.8	23.0	26.4	39.1	68	19	64	38
Franklin	8.1	3.6	1.8	.0	.9	13.5	19.2	28.5	29	63	22	77
Geary	11.7	5.9	1.3	.0	4.6	20.8	26.7	38.9	68	18	55	46
Gove	5.4	5.4	.0	.0	.0	10.8	28.6	39.4	72	15	11	85
Graham	19.6	14.7	.0	.0	.0	34.3	21.5	34.5	49	43	89	9
Grant	8.8	8.8	.0	.0	.0	17.5	14.2	22.4	7	90	41	56
Gray	15.2	3.8	.0	.0	.0	19.0	26.4	40.5	71	17	48	53
Greeley	32.5	32.5	.0	.0	.0	64.9	43.8	66.2	97	1	99	1
Greenwood	25.3	6.9	.0	2.3	.0	32.2	21.0	30.4	39	53	86	11
Hamilton	15.8	15.8	.0	.0	7.9	39.5	30.1	40.2	76	13	94	5
Harper	7.7	10.3	.0	.0	.0	20.6	24.0	31.5	48	45	55	47
Harvey	13.7	3.9	.0	.0	.0	16.3	17.9	26.6	21	75	35	68
Haskell	5.2	.0	.0	.0	.0	5.2	10.8	15.8	1	103	1	97
Hodgeman	8.7	8.7	.0	.0	.0	17.5	18.3	26.8	23	74	41	58
Jackson	6.9	6.9	1.7	.0	.0	13.7	22.3	31.5	44	48	23	76
Jefferson	6.4	5.1	.0	.0	.0	11.6	23.0	31.6	46	46	13	83
Jewell	.0	.0	.0	.0	.0	.0	13.2	17.5	2	100	...	...
Johnson	7.4	2.0	.9	.1	.1	10.4	14.4	21.6	7	93	9	87
Kearny	10.9	5.5	.0	.0	.0	16.4	14.7	23.9	10	86	35	67

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Kingman	9,012	11.1	0.0	0.0	0.0	0.0	37.7	13.3	0.0
Kiowa	4,030	.0	9.9	.0	.0	.0	19.8	.0	.0
Labette	25,713	7.8	.8	.8	.0	.0	24.9	14.0	2.3
Lane	2,529	7.9	.0	.0	.0	.0	47.5	15.8	.0
Leavenworth	56,943	10.9	3.5	1.1	.7	.0	14.4	9.5	6.0
Lincoln	4,000	5.0	.0	.0	.0	.0	35.0	5.0	.0
Linn	8,251	4.8	.0	.0	.0	.0	33.9	2.4	.0
Logan	3,454	5.8	11.6	.0	.0	.0	46.3	17.4	.0
Lyon	36,089	4.4	1.1	.0	.0	.0	24.4	8.3	1.7
McPherson	27,305	4.4	.7	.0	.0	.0	19.0	8.1	.0
Marion	13,457	3.0	1.5	.0	.0	.0	29.7	8.9	4.5
Marshall	12,804	10.9	4.7	.0	.0	.0	25.0	9.4	.0
Meade	4,735	12.7	.0	.0	.0	.0	50.7	4.2	4.2
Miami	22,007	3.6	.9	.9	.0	.0	38.2	15.4	4.5
Mitchell	8,003	7.5	2.5	.0	.0	.0	17.5	5.0	.0
Montgomery	42,219	13.3	.5	.0	.0	.0	22.7	9.0	6.2
Morris	6,409	6.2	.0	.0	.0	.0	37.4	3.1	.0
Morton	3,493	5.7	5.7	.0	.0	.0	80.2	.0	11.5
Nemaha	11,154	7.2	1.8	.0	.0	.0	12.6	9.0	3.6
Neosho	19,291	1.0	1.0	.0	.0	.0	38.4	9.3	1.0
Ness	4,581	.0	4.4	.0	.0	.0	21.8	13.1	.0
Norton	6,609	.0	9.1	.0	.0	3.0	30.3	18.2	.0
Osage	15,604	9.0	2.6	.0	.0	.0	29.5	16.7	6.4
Osborne	5,793	3.5	.0	3.5	.0	.0	31.1	31.1	3.5
Ottawa	5,933	3.4	3.4	.0	.0	.0	30.3	10.1	.0
Pawnee	8,163	2.5	2.5	.0	.0	.0	24.5	9.8	.0
Phillips	7,370	13.6	.0	.0	2.7	.0	16.3	13.6	2.7
Pottawatomie	15,327	6.5	1.3	.0	.0	.0	26.1	14.4	2.6
Pratt	10,698	3.7	1.9	1.9	.0	.0	29.9	18.7	7.5
Rawlins	3,988	15.0	.0	.0	.0	.0	50.2	25.1	.0
Reno	64,842	9.3	.9	.0	.0	.0	20.0	13.6	4.9
Republic	7,413	2.7	2.7	.0	2.7	.0	16.2	21.6	2.7
Rice	11,718	15.4	3.4	.0	1.7	.0	34.1	10.2	1.7
Riley	64,315	2.5	.3	.3	.0	.0	11.8	6.2	2.8
Rooks	7,031	14.2	2.8	.0	.0	.0	48.4	19.9	.0
Rush	4,460	9.0	.0	.0	.0	.0	17.9	17.9	.0
Russell	8,957	13.4	.0	.0	.0	.0	13.4	13.4	2.2
Saline	49,680	6.0	2.0	.4	.0	.4	14.1	10.9	2.4
Scott	5,812	6.9	3.4	.0	.0	.0	37.9	6.9	.0
Sedgwick	376,004	7.9	1.2	.3	.2	.4	19.9	13.5	7.9
Seward	17,936	11.2	3.3	.0	.0	.0	39.0	8.9	12.3
Shawnee	157,121	9.0	1.5	.4	.3	.0	16.4	14.6	5.6
Sheridan	3,507	5.7	.0	.0	.0	.0	22.8	5.7	.0
Sherman	7,618	13.1	2.6	.0	.0	.0	26.3	13.1	.0
Smith	5,774	.0	.0	.0	.0	.0	34.6	10.4	6.9
Stafford	5,724	.0	.0	.0	.0	.0	21.0	.0	.0
Stanton	2,406	8.3	.0	.0	.0	.0	16.6	8.3	.0
Stevens	4,760	16.8	4.2	.0	.0	.0	29.4	8.4	.0
Sumner	25,043	11.2	2.4	.0	.0	.0	30.3	13.6	.8
Thomas	8,676	11.5	4.6	.0	.0	.0	16.1	16.1	4.6
Trego	4,233	.0	.0	.0	.0	.0	33.1	9.5	4.7
Wabaunsee	6,820	5.9	.0	.0	.0	.0	26.4	5.9	.0
Wallace	2,035	.0	.0	.0	.0	.0	29.5	19.7	.0
Washington	8,245	7.3	.0	.0	.0	.0	17.0	9.7	.0
Wichita	3,006	6.7	.0	.0	.0	.0	59.9	6.7	.0
Wilson	11,914	8.4	.0	.0	.0	.0	36.9	16.8	1.7
Woodson	4,600	17.4	4.3	.0	.0	.0	26.1	4.3	.0
Wyandotte	172,857	10.2	1.0	.7	.1	.1	21.5	13.2	16.8

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Kingman...........	20.0	0.0	2.2	0.0	2.2	24.4	23.1	35.5	55	37	69	30
Kiowa.............	9.9	9.9	.0	.0	.0	19.8	18.3	20.4	10	85	52	49
Labette...........	10.9	5.4	3.1	.8	.0	19.4	19.1	28.8	30	61	50	51
Lane..............	7.9	.0	.0	.0	.0	7.9	26.3	38.5	67	20	4	94
Leavenworth.......	19.0	8.8	1.1	.7	1.1	28.4	20.5	30.6	38	55	79	17
Lincoln...........	5.0	.0	.0	.0	.0	5.0	17.7	25.1	18	76	0	98
Linn..............	7.3	2.4	.0	.0	.0	9.7	16.7	23.5	12	82	7	90
Logan.............	5.8	29.0	.0	.0	5.8	29.0	36.9	48.1	90	4	80	16
Lyon..............	7.8	5.0	.6	.0	1.7	15.0	15.6	22.4	9	87	29	71
McPherson.........	5.9	5.1	.0	.0	.7	11.7	12.1	18.0	2	101	14	82
Marion............	5.9	3.0	3.0	.0	1.5	13.4	19.1	26.2	23	72	21	80
Marshall..........	18.7	7.8	.0	.0	.0	25.0	21.5	31.8	43	50	70	27
Meade.............	12.7	.0	8.4	.0	.0	21.1	29.3	43.2	79	11	57	44
Miami.............	8.2	5.5	.9	.0	.0	14.5	24.6	34.1	55	36	26	74
Mitchell..........	10.0	7.5	.0	.0	.0	17.5	13.9	20.7	5	94	41	57
Montgomery........	17.5	7.6	1.4	.0	.0	25.1	20.2	32.4	41	51	71	26
Morris............	12.5	6.2	6.2	.0	6.2	28.1	18.9	26.9	24	71	79	18
Morton............	5.7	11.5	5.7	.0	.0	22.9	47.1	61.0	97	2	63	39
Nemaha............	10.8	5.4	.0	.0	.0	16.1	13.5	20.9	5	95	34	69
Neosho............	4.1	5.2	1.0	.0	.0	10.4	19.9	26.5	26	69	9	88
Ness..............	8.7	4.4	4.4	.0	.0	17.5	16.2	20.8	8	89	41	59
Norton............	15.1	21.2	3.0	.0	3.0	39.3	28.4	34.9	64	24	94	6
Osage.............	16.7	6.4	.0	.0	1.3	23.1	25.0	37.0	62	28	64	37
Osborne...........	6.9	3.5	6.9	.0	3.5	17.3	25.8	36.9	63	25	40	61
Ottawa............	6.7	3.4	3.4	.0	.0	13.5	19.5	26.4	25	70	22	78
Pawnee............	7.4	2.5	.0	.0	.0	9.8	15.7	21.4	8	88	7	89
Phillips..........	21.7	2.7	.0	2.7	.0	27.1	19.1	31.0	35	58	76	21
Pottawatomie......	9.1	3.9	2.6	.0	1.3	15.7	19.0	28.3	28	64	32	70
Pratt.............	3.7	3.7	5.6	.0	3.7	15.0	25.1	34.8	57	33	29	72
Rawlins...........	20.1	.0	.0	.0	.0	20.1	32.2	50.2	88	5	53	48
Reno..............	12.3	4.0	.3	.0	5.6	21.3	18.2	28.5	27	67	58	43
Republic..........	5.4	13.5	2.7	2.7	2.7	24.3	18.9	26.3	23	73	68	32
Rice..............	20.5	6.8	3.4	1.7	.0	29.0	28.6	42.7	77	12	81	15
Riley.............	4.7	.6	.9	.0	.3	6.5	9.2	13.3	0	104	2	95
Rooks.............	17.1	11.4	2.8	.0	.0	31.3	33.0	49.4	88	6	85	12
Rush..............	13.5	.0	.0	.0	.0	13.5	14.8	24.7	11	83	21	79
Russell...........	20.1	.0	2.2	.0	.0	22.3	14.8	26.2	14	81	62	40
Saline............	10.1	6.8	.8	.0	.4	17.3	14.5	21.6	7	92	40	60
Scott.............	6.9	6.9	.0	.0	.0	13.8	23.5	32.6	50	42	23	75
Sedgwick..........	11.1	4.0	1.0	.2	.9	16.7	20.0	30.1	35	59	37	64
Seward............	16.7	11.2	1.1	1.1	.0	30.1	31.9	45.8	84	9	83	13
Shawnee...........	15.1	6.1	2.0	.5	.6	23.4	18.3	28.5	27	66	66	35
Sheridan..........	11.4	.0	.0	.0	.0	11.4	13.1	19.6	4	97	12	84
Sherman...........	13.1	5.3	2.6	.0	2.6	21.0	21.7	33.9	48	44	56	45
Smith.............	.0	.0	.0	.0	.0	.0	19.9	26.6	26	68	...	...
Stafford..........	3.5	.0	.0	.0	.0	3.5	8.8	11.1	0	105	0	99
Stanton...........	8.3	8.3	.0	.0	.0	16.6	12.1	19.8	3	98	37	65
Stevens...........	21.0	16.8	.0	.0	.0	37.8	25.1	38.9	65	23	92	7
Sumner............	16.8	4.0	2.4	.0	.0	23.2	22.8	34.6	53	41	65	36
Thomas............	13.8	11.5	.0	.0	.0	25.4	21.5	33.0	46	47	72	25
Trego.............	.0	.0	.0	.0	.0	.0	18.0	24.1	16	77	...	...
Wabaunsee.........	8.8	.0	.0	.0	.0	8.8	14.7	21.7	7	91	5	92
Wallace...........	.0	.0	.0	.0	.0	.0	16.3	22.9	11	84	...	...
Washington........	17.0	9.7	.0	.0	.0	24.3	12.1	19.5	3	99	68	33
Wichita...........	6.7	20.0	6.7	.0	.0	33.3	29.2	40.5	75	14	87	10
Wilson............	8.4	8.4	.0	.0	.0	16.8	23.1	34.8	53	40	37	63
Woodson...........	26.1	8.7	.0	.0	.0	34.8	23.3	36.3	57	34	89	8
Wyandotte.........	15.3	2.5	1.0	.1	.3	19.1	25.7	38.7	66	21	48	52

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Kentucky	3,696,134	9.4	2.0	0.4	0.2	0.2	22.2	13.0	7.8
Adair	15,542	10.3	1.3	.0	.0	.0	19.3	6.4	5.1
Allen	14,203	4.2	.0	.0	.0	.0	28.2	7.0	4.2
Anderson	12,840	12.5	.0	.0	.0	.0	29.6	12.5	4.7
Ballard	8,508	4.7	.0	.0	.0	.0	47.0	23.5	2.4
Barren	34,447	8.7	.6	.6	.0	.6	19.7	10.5	8.1
Bath	10,117	4.0	.0	.0	.0	.0	17.8	9.9	7.9
Bell	34,479	13.3	1.2	.6	.0	.6	29.6	11.6	15.1
Boone	48,377	7.0	2.1	.4	.4	.0	24.8	10.7	.0
Bourbon	19,275	6.2	.0	.0	.0	.0	31.1	14.5	6.2
Boyd	54,850	9.1	1.8	.7	.0	.0	17.1	6.9	3.6
Boyle	25,070	5.6	3.2	.8	.0	.0	27.9	18.3	7.2
Bracken	7,631	2.6	2.6	.0	.0	.0	36.7	28.8	.0
Breathitt	16,763	6.0	2.4	.0	1.2	1.2	39.4	11.9	17.9
Breckinridge	16,859	3.6	1.2	.0	.0	.0	38.0	9.5	4.7
Bullitt	44,242	7.7	.0	.0	.0	.5	24.9	10.8	4.1
Butler	11,252	5.3	.0	.0	.0	.0	26.7	16.0	1.8
Caldwell	13,427	7.4	1.5	.0	.0	.0	40.2	14.9	16.4
Calloway	29,927	5.3	.0	.0	.0	.0	23.4	13.4	3.3
Campbell	82,278	12.9	1.7	.5	.0	.0	14.1	12.2	4.9
Carlisle	5,357	14.9	3.7	.0	.0	.0	44.8	18.7	.0
Carroll	9,563	14.6	6.3	.0	.0	.0	25.1	18.8	12.5
Carter	25,270	7.9	1.6	.0	.8	.0	25.3	11.9	8.7
Casey	14,986	2.7	1.3	.0	.0	.0	33.4	14.7	4.0
Christian	65,914	8.5	1.8	.9	.3	.0	26.1	10.6	9.7
Clark	28,791	10.4	.0	.0	.7	.0	19.5	13.2	4.2
Clay	23,221	5.2	1.7	.0	.0	.0	31.9	4.3	19.8
Clinton	9,658	2.1	.0	.0	.0	.0	35.2	2.1	4.1
Crittenden	9,081	6.6	.0	.0	.0	.0	26.4	6.6	2.2
Cumberland	7,398	8.1	.0	.0	.0	.0	40.5	35.1	5.4
Daviess	87,398	13.7	1.6	.2	.2	.0	15.3	13.5	3.7
Edmonson	10,346	3.9	.0	.0	.0	.0	36.7	7.7	3.9
Elliott	6,849	8.8	2.9	2.9	5.8	.0	35.0	2.9	11.7
Estill	14,821	6.7	1.3	.0	.0	.0	18.9	12.1	9.4
Fayette	208,979	10.1	6.2	.5	.2	.1	13.6	14.5	6.0
Fleming	12,280	4.9	.0	.0	.0	.0	48.9	21.2	6.5
Floyd	49,547	6.5	1.2	.4	.0	.4	26.2	13.3	8.5
Franklin	42,895	13.1	.5	.0	.5	.0	14.9	11.2	6.1
Fulton	8,507	7.1	2.4	.0	.0	.0	25.9	16.5	16.5
Gallatin	4,857	12.4	.0	.0	.0	.0	20.6	24.7	.0
Garrard	11,257	12.4	.0	.0	.0	.0	19.5	21.3	8.9
Grant	13,557	5.9	1.5	.0	.0	.0	20.7	14.8	5.9
Graves	33,401	9.0	1.2	.0	.0	.0	27.5	19.8	4.2
Grayson	21,337	.0	.9	.0	.0	.0	35.6	8.4	1.9
Green	10,972	7.3	1.8	.0	.0	.0	20.1	14.6	5.5
Greenup	38,634	7.8	.5	.0	.0	.0	17.1	9.3	5.2
Hancock	7,906	5.1	.0	.0	.0	.0	27.8	5.1	2.5
Hardin	90,599	6.8	1.1	.2	.2	.2	19.9	11.0	7.9
Harlan	42,031	10.0	4.8	1.0	.5	.0	22.8	11.9	13.3
Harrison	15,465	12.9	.0	.0	.0	.0	19.4	19.4	5.2
Hart	15,223	9.2	1.3	1.3	.0	.0	35.5	15.8	3.9
Henderson	41,466	10.1	2.4	1.0	1.4	.0	25.1	10.6	2.4
Henry	13,052	7.7	.0	.0	.0	.0	26.0	12.3	7.7
Hickman	5,874	6.8	.0	.0	.0	.0	40.9	20.4	17.0
Hopkins	46,569	8.6	3.9	1.3	.0	.4	22.3	16.7	6.9
Jackson	12,227	8.2	1.6	1.6	.0	.0	31.1	14.7	9.8
Jefferson	685,539	13.8	3.2	.4	.2	.1	14.7	13.7	10.4
Jessamine	27,577	5.8	.0	.0	.7	.0	25.4	7.3	5.8
Johnson	25,163	7.2	.8	.0	.0	.0	26.2	11.1	7.2

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Kentucky............	13.9	4.4	1.0	0.3	0.9	20.1	22.1	33.1	-	-	-	-
Adair.............	15.4	3.9	.0	.0	1.3	21.9	17.3	27.0	21	102	60	23
Allen.............	4.2	1.4	.0	.0	.0	7.0	17.0	24.2	14	110	2	111
Anderson..........	17.1	3.1	.0	.0	.0	20.2	22.2	35.1	52	50	53	30
Ballard...........	9.4	2.4	7.1	.0	.0	16.5	27.5	39.6	71	19	36	57
Barren............	10.5	2.9	.6	.6	1.2	14.5	19.5	29.5	32	81	26	72
Bath..............	9.9	.0	.0	.0	.0	9.9	14.8	21.9	7	116	8	100
Bell..............	18.0	5.2	.6	.6	1.7	25.5	29.6	44.6	81	11	72	10
Boone.............	9.5	4.1	1.2	.4	.4	14.9	18.3	26.7	23	100	28	68
Bourbon...........	12.5	4.2	2.1	1.0	.0	19.7	21.5	31.8	43	66	51	34
Boyd..............	12.0	2.6	.7	.0	1.5	16.8	16.6	25.2	16	108	37	52
Boyle.............	8.8	8.8	2.4	.0	.0	19.9	25.1	35.5	59	38	52	31
Bracken...........	13.1	2.6	.0	.0	.0	15.7	24.9	35.2	58	41	32	65
Breathitt.........	7.2	3.6	.0	1.2	2.4	13.1	34.6	47.2	88	4	20	81
Breckinridge......	7.1	1.2	.0	.0	2.4	10.7	22.7	31.2	44	64	10	96
Bullitt...........	10.4	2.3	.0	.0	.9	12.7	18.1	27.5	24	98	18	86
Butler............	7.1	1.8	.0	.0	.0	8.9	17.4	26.3	20	105	5	104
Caldwell..........	8.9	1.5	1.5	.0	1.5	11.9	32.1	45.9	84	9	15	91
Calloway..........	6.7	.0	.0	.0	.0	6.7	16.3	24.6	14	111	2	113
Campbell..........	28.4	5.1	1.9	.0	6.6	40.8	18.1	29.5	29	88	94	1
Carlisle..........	14.9	3.7	3.7	.0	.0	22.4	32.4	48.6	87	5	62	21
Carroll...........	16.7	14.6	.0	.0	2.1	31.4	32.5	48.5	87	6	85	5
Carter............	13.5	4.0	.0	.8	.0	17.4	22.7	33.3	49	56	41	47
Casey.............	4.0	2.7	.0	.0	.0	6.7	21.3	29.5	37	71	2	114
Christian.........	10.9	2.4	2.1	.3	.0	15.8	24.2	35.1	56	45	32	64
Clark.............	11.8	.0	2.1	.7	.0	14.6	17.7	28.5	25	94	26	70
Clay..............	7.8	1.7	.0	.0	.9	10.3	27.4	37.8	68	24	9	98
Clinton...........	4.1	2.1	.0	.0	.0	6.2	18.0	24.0	16	107	1	116
Crittenden........	11.0	.0	.0	.0	2.2	13.2	16.2	24.1	13	112	20	80
Cumberland........	10.8	2.7	.0	.0	.0	13.5	29.9	45.7	82	10	22	78
Daviess...........	20.6	4.3	.2	.5	.2	25.4	18.5	30.6	32	80	72	11
Edmonson..........	3.9	.0	.0	.0	.0	5.8	20.4	28.5	32	82	1	117
Elliott...........	11.7	14.6	2.9	8.8	.0	32.1	36.1	47.1	89	2	86	3
Estill............	8.1	2.7	.0	.0	.0	10.8	18.9	28.3	28	90	11	95
Fayette...........	14.5	9.0	1.4	.4	.9	25.3	22.6	33.1	48	58	71	12
Fleming...........	6.5	3.3	1.6	.0	1.6	13.0	29.8	42.5	78	14	19	83
Floyd.............	10.9	2.4	1.2	.0	2.4	16.5	22.3	32.4	46	62	36	55
Franklin..........	15.4	3.7	.0	1.4	.0	19.1	17.6	29.3	27	92	48	37
Fulton............	16.5	2.4	2.4	.0	2.4	21.2	27.1	39.4	70	22	57	24
Gallatin..........	16.5	4.1	.0	.0	.0	20.6	18.7	31.8	36	77	54	27
Garrard...........	12.4	1.8	1.8	.0	3.6	16.0	21.7	35.7	53	49	33	62
Grant.............	8.9	5.9	1.5	.0	.0	14.8	18.3	27.3	24	99	27	69
Graves............	13.2	4.2	.6	.0	.0	18.0	22.4	34.3	51	53	43	40
Grayson...........	3.7	1.9	.0	.0	.0	5.6	18.5	24.1	17	106	1	118
Green.............	10.9	5.5	.0	.0	.0	16.4	18.7	28.3	27	91	35	58
Greenup...........	11.4	2.1	.0	.5	.5	14.0	15.2	23.7	10	114	24	74
Hancock...........	7.6	.0	.0	2.5	.0	7.6	16.0	23.0	10	113	3	110
Hardin............	11.7	2.4	.2	.2	2.2	16.8	18.9	28.0	27	93	37	51
Harlan............	18.1	9.5	1.0	.5	.5	29.0	28.5	40.7	75	17	81	6
Harrison..........	18.1	3.9	.0	.0	.0	20.7	19.8	33.1	42	67	55	26
Hart..............	17.1	6.6	1.3	.0	2.6	25.0	26.3	38.5	67	25	70	14
Henderson.........	16.4	5.3	1.0	1.4	.0	23.6	22.8	33.2	49	57	66	18
Henry.............	16.9	1.5	6.1	1.5	.0	26.0	20.1	30.5	37	74	73	9
Hickman...........	6.8	.0	.0	.0	.0	6.8	32.0	46.6	85	8	2	112
Hopkins...........	14.6	6.4	2.1	.0	.9	23.2	25.1	36.2	60	35	65	19
Jackson...........	9.8	4.9	1.6	.0	1.6	18.0	27.2	39.2	70	23	43	39
Jefferson.........	20.1	6.3	.5	.4	.4	27.2	23.4	36.6	58	43	77	8
Jessamine.........	10.9	1.5	.7	2.2	2.2	17.4	17.9	26.1	21	103	41	48
Johnson...........	11.9	3.2	.8	.0	2.4	17.5	20.3	30.2	36	76	41	44

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Kenton	136,467	15.7	1.8	1.2	0.1	0.0	16.1	14.2	5.1
Knott	18,123	2.2	1.1	.0	.0	2.2	30.9	13.2	11.0
Knox	30,165	6.6	1.3	2.0	.0	.0	25.9	13.9	16.6
Larue	11,974	10.0	3.3	.0	.0	.0	20.0	11.7	5.0
Laurel	40,232	5.0	.5	.0	.0	.5	19.4	10.9	9.9
Lawrence	14,391	5.6	.0	1.4	.0	.0	26.4	15.3	4.2
Lee	7,855	5.1	.0	2.5	.0	.0	35.6	22.9	25.5
Leslie	15,212	6.6	2.6	.0	.0	.0	25.0	9.2	23.7
Letcher	30,682	7.8	2.0	.0	1.3	.7	21.5	13.0	9.8
Lewis	14,462	11.1	.0	.0	.0	.0	27.7	13.8	4.1
Lincoln	19,159	5.2	4.2	1.0	.0	.0	27.1	13.6	9.4
Livingston	9,230	10.8	.0	.0	.0	.0	21.7	21.7	15.2
Logan	24,767	9.7	.0	.0	.0	.0	29.9	4.0	3.2
Lyon	6,422	.0	.0	.0	.0	.0	12.5	15.6	12.5
McCracken	61,117	10.5	1.6	.0	.0	.0	17.7	18.3	9.5
McCreary	15,969	10.0	1.3	2.5	.0	.0	28.8	22.5	5.0
McLean	10,037	10.0	4.0	.0	.0	.0	25.9	8.0	.0
Madison	53,859	3.3	.4	.4	.0	.7	15.6	12.6	6.7
Magoffin	13,861	2.9	.0	.0	.0	.0	31.7	4.3	10.1
Marion	17,826	5.6	2.2	.0	1.1	.0	24.7	6.7	11.2
Marshall	25,740	13.2	.0	.0	.8	.0	25.6	20.2	4.7
Martin	14,189	5.6	.0	.0	.0	.0	33.8	9.9	8.5
Mason	17,534	9.1	3.4	.0	.0	.0	30.8	13.7	4.6
Meade	22,985	7.0	.0	.0	.0	.0	22.6	11.3	7.8
Menifee	5,216	7.7	.0	.0	.0	.0	49.8	7.7	7.7
Mercer	19,295	12.4	1.0	.0	.0	.0	24.9	24.9	4.1
Metcalfe	9,661	4.1	.0	.0	.0	.0	35.2	16.6	2.1
Monroe	12,425	6.4	.0	1.6	.0	.0	48.3	12.9	8.0
Montgomery	20,113	5.0	2.0	.0	.0	1.0	38.8	11.9	5.0
Morgan	12,069	5.0	3.3	.0	.0	1.7	26.5	6.6	5.0
Muhlenberg	31,983	7.5	.0	.0	.0	.0	36.3	12.5	7.5
Nelson	28,206	11.3	.7	.0	.0	.0	24.8	17.7	10.6
Nicholas	7,230	5.5	2.8	.0	.0	.0	27.7	22.1	.0
Ohio	21,715	5.5	.0	.0	.0	.9	23.9	20.3	5.5
Oldham	29,518	7.5	2.0	.0	.0	.0	25.7	8.8	4.1
Owen	9,109	4.4	2.2	.0	2.2	.0	32.9	22.0	.0
Owsley	5,654	3.5	10.6	.0	.0	.0	46.0	17.7	.0
Pendleton	10,898	7.3	3.7	.0	.0	.0	27.5	18.4	5.5
Perry	34,405	8.7	2.3	.6	.0	.6	29.6	15.1	23.8
Pike	81,942	9.3	2.9	.2	.0	.2	24.2	13.9	10.0
Powell	11,468	10.5	.0	.0	.0	.0	36.6	10.5	8.7
Pulaski	47,474	6.3	2.5	.4	.8	.8	32.0	9.7	8.8
Robertson	2,291	8.7	.0	.0	.0	.0	8.7	8.7	.0
Rockcastle	14,244	2.8	1.4	2.8	.0	.0	40.7	14.0	12.6
Rowan	19,326	8.3	1.0	.0	.0	.0	23.8	9.3	6.2
Russell	14,423	1.4	1.4	.0	.0	.0	25.0	13.9	6.9
Scott	21,758	5.5	.9	.9	.0	.0	23.0	11.0	1.8
Shelby	23,625	5.1	.0	.8	.0	.0	29.6	13.5	4.2
Simpson	14,819	4.0	2.7	.0	.0	.0	33.7	10.8	6.7
Spencer	6,060	9.9	.0	.0	.0	.0	39.6	9.9	3.3
Taylor	21,533	3.7	1.9	.9	.0	.0	16.7	9.3	2.8
Todd	11,445	3.5	.0	.0	.0	.0	38.4	10.5	8.7
Trigg	9,540	4.2	2.1	.0	.0	.0	25.2	12.6	12.6
Trimble	6,254	6.4	.0	.0	.0	.0	35.2	6.4	.0
Union	17,850	1.1	.0	.0	.0	.0	23.5	17.9	2.2
Warren	76,423	8.4	1.0	.0	.0	.0	16.2	11.3	9.7
Washington	10,531	5.7	7.6	.0	.0	.0	28.5	11.4	1.9
Wayne	17,333	9.2	1.2	.0	.0	2.3	21.9	9.2	12.7
Webster	14,772	8.1	.0	.0	.0	.0	27.1	16.2	4.1

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Kenton	22.4	4.7	4.3	0.1	0.7	33.1	21.5	35.1	51	55	87	2
Knott	5.5	1.1	.0	.0	2.2	8.8	25.0	33.7	55	46	5	105
Knox	9.9	2.7	3.3	.0	.0	15.9	27.5	39.1	70	21	33	63
Larue	11.7	8.4	1.7	.0	3.3	25.1	20.6	31.0	39	69	71	13
Laurel	9.4	2.5	.0	.0	1.0	12.9	18.0	26.4	21	101	19	85
Lawrence	8.3	4.2	2.8	.0	.0	15.3	19.8	29.0	31	83	30	66
Lee	10.2	7.6	2.5	.0	.0	20.4	36.2	51.1	91	1	54	29
Leslie	9.2	6.6	1.3	.0	1.3	19.7	28.8	40.7	75	16	51	33
Letcher	10.4	3.9	.7	1.3	.7	16.3	23.4	33.8	52	51	35	60
Lewis	18.0	.0	.0	.0	1.4	19.4	20.9	32.9	44	65	49	36
Lincoln	6.3	13.6	1.0	.0	3.1	23.0	25.9	35.6	61	31	64	20
Livingston	13.0	2.2	.0	.0	.0	15.2	25.0	39.5	66	27	30	67
Logan	11.3	.8	.0	.0	.0	12.1	18.8	28.6	29	89	16	89
Lyon	.0	.0	.0	.0	.0	.0	14.2	20.3	5	119	...	...
McCracken	14.7	5.6	.3	.3	1.6	21.9	21.5	33.8	47	59	60	22
McCreary	11.3	2.5	2.5	.0	.0	16.3	26.8	40.1	71	20	35	61
McLean	12.0	6.0	.0	.0	.0	13.9	20.5	30.1	37	73	23	75
Madison	6.3	4.5	1.5	.0	1.1	11.5	15.1	21.9	8	115	13	93
Magoffin	8.7	1.4	.0	.0	.0	11.5	20.1	27.6	30	86	13	92
Marion	12.3	4.5	.0	1.1	.0	18.0	22.7	31.4	45	63	43	41
Marshall	14.8	.8	.0	1.6	.0	16.3	23.2	37.4	59	37	35	59
Martin	5.6	1.4	1.4	.0	.0	8.5	22.5	32.3	46	61	4	106
Mason	21.7	8.0	2.3	.0	.0	31.9	25.0	36.4	61	34	86	4
Meade	8.7	1.7	1.7	.9	1.7	13.1	18.3	27.8	25	95	20	82
Menifee	7.7	.0	.0	.0	.0	7.7	29.2	41.4	77	15	3	109
Mercer	20.7	7.3	1.0	.0	.0	29.0	23.5	37.9	61	33	81	7
Metcalfe	4.1	.0	2.1	.0	2.1	8.3	20.8	30.0	37	72	4	107
Monroe	8.0	.0	1.6	.0	.0	9.7	30.9	43.2	80	12	7	102
Montgomery	8.0	4.0	.0	1.0	1.0	12.9	26.0	35.9	62	30	19	84
Morgan	6.6	5.0	.0	.0	3.3	13.3	21.8	29.4	38	70	20	79
Muhlenberg	8.8	.6	.6	.0	.0	10.0	24.3	35.8	58	40	8	99
Nelson	12.8	5.7	.0	.7	1.4	20.6	24.3	38.0	63	29	54	28
Nicholas	11.1	5.5	.0	.0	.0	16.6	21.1	30.9	40	68	37	53
Ohio	12.0	1.8	2.8	.0	.9	16.6	19.9	29.9	34	78	36	54
Oldham	8.1	3.4	.7	.0	.0	12.2	19.6	28.6	31	84	16	88
Owen	11.0	4.4	2.2	2.2	.0	17.6	24.4	34.1	55	48	41	43
Owsley	7.1	10.6	.0	.0	3.5	24.8	34.9	44.9	86	7	70	16
Pendleton	16.5	3.7	1.8	.0	1.8	23.9	24.5	35.5	58	42	67	17
Perry	14.5	4.1	.6	.0	.6	19.8	33.7	48.3	88	3	51	32
Pike	12.7	3.4	.7	.0	.5	16.8	24.9	36.6	61	32	38	50
Powell	14.0	3.5	.0	.0	.0	17.4	25.9	38.8	67	26	41	46
Pulaski	9.7	4.6	.8	.8	2.1	17.3	26.8	36.9	65	28	40	49
Robertson	8.7	8.7	.0	.0	.0	17.5	9.0	16.2	1	120	41	45
Rockcastle	5.6	1.4	2.8	.0	.0	9.8	31.2	41.7	79	13	7	101
Rowan	11.4	7.2	1.0	.0	6.2	24.8	19.2	28.9	30	85	70	15
Russell	9.7	2.8	.0	.0	.0	12.5	18.5	25.5	20	104	17	87
Scott	6.4	2.8	1.8	.0	1.8	11.9	16.8	24.5	15	109	15	90
Shelby	10.2	1.7	.8	.8	.0	13.5	20.1	29.1	33	79	22	77
Simpson	5.4	2.7	.0	.0	1.3	8.1	23.9	32.7	51	54	4	108
Spencer	9.9	.0	.0	.0	6.6	16.5	24.2	36.2	59	39	36	56
Taylor	5.6	2.8	.9	.0	1.9	11.1	14.5	20.4	5	118	12	94
Todd	5.2	.0	3.5	.0	.0	10.5	23.8	33.2	51	52	10	97
Trigg	4.2	2.1	.0	.0	.0	6.3	22.8	32.1	47	60	1	115
Trimble	9.6	.0	.0	.0	.0	9.6	18.7	27.1	24	97	7	103
Union	4.5	1.1	.0	.0	.0	5.6	15.0	21.6	7	117	1	119
Warren	10.7	2.9	.0	.0	.5	14.4	18.1	28.0	25	96	25	73
Washington	9.5	7.6	.0	1.9	1.9	20.9	25.1	33.5	55	47	56	25
Wayne	11.5	3.5	2.3	.0	2.3	19.6	24.3	35.4	57	44	50	35
Webster	14.9	2.7	.0	.0	.0	17.6	19.9	30.7	36	75	42	42

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Whitley..........	34,436	6.4	0.6	0.0	0.0	0.6	25.6	8.1	7.0
Wolfe............	6,876	2.9	.0	.0	.0	.0	29.1	11.6	26.2
Woodford.........	18,300	7.7	3.3	1.1	.0	.0	33.9	12.0	2.2
Louisiana..........	4,351,857	9.5	1.6	.2	.2	.1	24.8	12.7	14.5
Acadia...........	58,051	10.3	1.7	.7	.3	.0	29.3	14.5	7.6
Allen............	21,430	11.2	.0	.0	.0	.0	40.1	11.2	7.5
Ascension.........	53,860	5.9	1.1	.0	.0	.0	26.7	7.8	11.9
Assumption........	22,939	3.5	.0	.0	.9	.0	37.5	4.4	21.8
Avoyelles.........	42,428	5.7	.9	.0	.5	.5	39.6	17.4	7.5
Beauregard........	31,145	9.0	.6	.0	.0	.0	25.0	10.3	12.8
Bienville.........	16,547	1.2	1.2	.0	.0	.0	41.1	9.7	6.0
Bossier...........	85,801	7.2	2.3	.2	.2	.0	23.1	11.9	8.4
Caddo............	261,366	10.3	2.1	.2	.2	.1	19.1	13.0	19.7
Calcasieu.........	171,206	8.4	1.4	.1	.5	.0	23.6	16.0	9.7
Caldwell..........	10,965	10.9	.0	1.8	.0	.0	25.5	7.3	7.3
Cameron...........	9,682	10.3	4.1	.0	.0	.0	47.5	16.5	10.3
Catahoula.........	12,483	11.2	1.6	1.6	.0	.0	38.5	9.6	3.2
Claiborne.........	17,966	5.6	2.2	.0	.0	.0	33.4	8.9	14.5
Concordia.........	23,414	5.1	.9	.0	.0	.0	32.5	14.5	10.3
De Soto...........	26,526	9.0	1.5	1.5	.0	.0	28.7	14.3	16.6
East Baton Rouge..	379,862	8.2	1.0	.2	.2	.1	19.3	10.4	12.6
East Carroll......	11,547	1.7	3.5	.0	.0	.0	26.0	13.9	20.8
East Feliciana....	19,625	3.1	.0	.0	.0	.0	26.5	3.1	6.1
Evangeline........	34,281	7.0	5.8	.6	.0	.0	43.2	36.8	6.4
Franklin..........	24,229	3.3	.8	.0	.0	.0	29.7	11.6	16.5
Grant............	17,416	9.2	2.3	1.1	1.1	.0	35.6	11.5	5.7
Iberia...........	66,795	8.4	1.5	.3	.0	.0	31.4	11.1	8.7
Iberville.........	32,851	6.1	1.8	.6	.6	.0	29.8	6.1	9.1
Jackson...........	17,504	5.7	.0	.0	1.1	.0	22.9	10.3	14.9
Jefferson.........	467,606	9.9	.6	.3	.1	.0	17.0	16.0	10.9
Jefferson Davis...	32,776	6.1	1.8	.6	.0	.0	30.5	7.3	8.5
Lafayette.........	161,357	5.3	1.0	.1	.1	.0	23.1	15.1	7.6
Lafourche.........	85,604	4.0	.7	.2	.0	.0	32.9	8.9	7.0
La Salle..........	17,160	12.8	.0	.0	.0	.0	31.5	10.5	4.7
Lincoln...........	41,131	5.3	.0	.0	.0	.0	14.6	6.3	5.3
Livingston........	64,686	6.2	.0	.3	.0	.0	35.6	12.1	8.7
Madison...........	15,657	6.4	1.3	1.3	.0	.0	21.7	10.2	17.9
Morehouse.........	35,471	10.1	.0	1.7	.0	.0	20.9	8.5	15.2
Natchitoches......	39,958	10.5	1.5	1.5	.5	.0	29.0	10.5	15.5
Orleans...........	559,896	18.7	3.9	.0	.4	.0	16.1	13.1	36.7
Ouachita..........	141,543	8.6	.8	.3	.1	.3	20.6	11.6	7.5
Plaquemines.......	26,491	7.5	1.5	.0	.0	.0	42.3	15.1	12.1
Pointe Coupee.....	24,675	13.0	1.6	.0	.0	.0	31.6	10.5	5.7
Rapides...........	137,247	11.2	2.0	.1	.1	.0	24.3	10.5	15.2
Red River.........	10,727	5.6	1.9	.0	.0	.0	52.2	13.1	18.6
Richland..........	22,765	6.1	1.8	.0	.0	.0	19.3	12.3	14.9
Sabine............	26,417	9.8	2.3	.0	.0	.0	32.6	9.8	12.9
St. Bernard.......	66,307	12.7	.9	.0	.0	.0	25.0	15.4	7.8
St. Charles.......	39,996	8.5	.5	.0	.0	.0	30.5	9.5	7.5
St. Helena........	10,173	9.8	2.0	.0	.0	.0	31.5	7.9	9.8
St. James.........	21,984	2.7	.9	.9	.0	.0	32.8	6.4	4.5
St. John the Baptist.......	36,280	7.2	1.1	.0	.0	.0	26.5	9.4	11.0
St. Landry........	86,767	6.2	2.5	.5	.0	.0	24.9	21.9	8.1
St. Martin........	43,149	5.6	.9	.0	.0	.0	33.8	13.4	4.6

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Whitley	7.6	4.1	0.6	0.0	1.7	13.9	19.4	28.2	29	87	23	76
Wolfe	5.8	5.8	2.9	.0	.0	14.5	28.0	39.2	71	18	26	71
Woodford	10.9	5.5	2.2	.0	.0	18.6	25.2	35.4	59	36	46	38
Louisiana	14.9	4.1	.9	.2	.4	20.1	25.7	38.3	-	-	-	-
Acadia	13.1	3.8	2.4	.3	.7	20.0	25.7	38.3	65	27	52	21
Allen	14.9	.9	.9	.0	.9	17.7	27.2	40.8	73	17	42	28
Ascension	13.4	1.5	.0	.0	.0	14.1	21.9	31.4	43	53	24	43
Assumption	7.8	1.7	.0	.9	.9	10.5	29.2	39.6	74	13	10	54
Avoyelles	9.9	3.8	.5	.5	5.2	18.9	27.9	39.5	72	20	47	25
Beauregard	10.9	2.6	1.9	.6	.0	14.8	22.9	34.5	53	40	28	39
Bienville	3.6	4.8	.0	.0	.0	8.5	23.7	31.6	47	44	4	61
Bossier	9.6	12.6	1.9	.2	.5	23.8	21.8	31.7	43	52	67	7
Caddo	16.8	7.7	1.5	.3	.5	25.3	26.7	39.9	70	22	71	6
Calcasieu	12.7	4.4	.2	.5	.0	17.6	23.1	34.6	53	39	42	29
Caldwell	12.8	.0	5.5	.0	.0	18.2	21.9	33.1	47	47	45	27
Cameron	10.3	8.3	.0	.0	2.1	20.7	36.5	51.8	92	5	55	20
Catahoula	14.4	3.2	3.2	.0	.0	20.8	27.4	39.8	71	21	56	19
Claiborne	6.7	4.5	.0	.0	1.1	12.2	27.1	37.8	67	26	16	47
Concordia	7.7	1.7	.0	.0	.9	10.3	24.3	34.9	56	36	9	56
De Soto	10.6	2.3	10.6	.0	.8	23.4	29.4	42.7	78	9	65	8
East Baton Rouge	11.9	2.6	.4	.2	.6	15.5	20.9	31.4	41	56	31	36
East Carroll	5.2	10.4	.0	.0	1.7	17.3	27.6	37.3	67	25	40	30
East Feliciana	7.1	2.0	.0	.0	1.0	10.2	15.9	22.0	9	62	9	57
Evangeline	13.4	7.6	2.3	.0	.0	23.3	37.8	53.7	93	3	65	9
Franklin	5.0	1.7	.8	.0	.0	7.4	24.7	34.6	56	35	3	63
Grant	11.5	8.0	2.3	1.1	.0	21.8	28.3	40.1	73	15	60	15
Iberia	10.8	4.2	.6	.3	.0	15.3	24.7	36.1	60	30	30	37
Iberville	14.0	4.3	1.2	.6	.0	19.5	23.6	32.7	50	42	50	24
Jackson	6.9	.0	2.3	1.1	.0	10.3	22.1	32.0	45	50	9	55
Jefferson	14.8	1.6	.5	.1	.2	16.8	20.5	32.3	42	55	38	31
Jefferson Davis	9.8	4.3	.6	.0	.0	14.0	23.2	32.6	49	43	24	44
Lafayette	7.9	2.7	.4	.1	.2	11.2	19.7	29.0	31	60	12	51
Lafourche	9.1	1.2	.5	.0	.0	10.7	21.5	29.9	39	57	11	53
La Salle	16.3	.0	2.3	.0	3.5	19.8	22.8	35.7	55	38	51	22
Lincoln	6.3	1.9	.5	.5	1.0	9.7	12.1	18.6	2	63	7	59
Livingston	8.3	.3	1.2	.0	.0	9.9	24.3	35.0	56	34	8	58
Madison	12.8	14.1	8.9	.0	.0	35.8	24.7	35.4	58	32	91	3
Morehouse	14.7	2.8	5.1	.0	.0	22.6	23.5	35.3	55	37	62	11
Natchitoches	17.5	5.0	3.0	.5	.0	25.5	29.4	42.7	78	11	72	5
Orleans	30.7	8.2	.1	.6	.3	39.3	38.6	59.0	95	1	94	2
Ouachita	12.2	2.1	2.1	.1	.4	16.2	19.6	29.8	33	59	34	33
Plaquemines	10.6	1.5	2.3	.0	.0	14.3	31.1	44.4	82	6	25	42
Pointe Coupee	17.8	3.2	.8	.0	.8	21.9	25.0	38.2	64	28	60	14
Rapides	16.2	4.4	1.6	.3	.3	22.3	26.4	39.5	69	23	61	12
Red River	5.6	3.7	.0	.0	.0	9.3	37.5	51.6	92	4	6	60
Richland	8.8	1.8	1.8	.0	.0	12.3	21.9	32.0	44	51	17	46
Sabine	11.4	3.0	.0	.8	.0	15.1	28.0	40.8	74	14	30	38
St. Bernard	20.2	1.2	.3	.0	.3	22.0	23.4	36.9	58	31	61	13
St. Charles	10.5	1.0	.0	.5	.0	12.0	22.2	33.1	47	45	15	48
St. Helena	11.8	7.9	.0	.0	.0	19.7	25.4	37.2	63	29	50	23
St. James	8.2	2.7	.9	.0	.0	10.9	20.1	27.0	28	61	11	52
St. John the Baptist	9.4	3.3	.0	.0	.6	13.2	22.2	32.5	46	48	20	45
St. Landry	12.0	3.5	.5	.0	.5	15.7	24.2	35.4	57	33	32	35
St. Martin	9.7	2.3	.0	.0	.0	11.6	22.3	32.1	45	49	13	50

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide
St. Mary..........	65,023	7.1	0.9	0.0	0.3	0.0	41.8	11.1	11.7
St. Tammany.......	124,283	10.8	1.1	.5	.2	.0	29.9	13.5	9.8
Tangipahoa........	85,918	7.2	1.6	.0	.0	.0	28.6	12.8	18.6
Tensas............	8,406	4.8	2.4	2.4	.0	.0	28.6	7.1	7.1
Terrebonne........	98,550	7.3	1.4	.0	.2	.2	36.5	13.2	11.0
Union.............	21,709	9.2	1.8	.0	.9	.0	43.3	8.3	7.4
Vermilion.........	50,993	5.1	1.6	.0	.0	.4	32.6	11.4	7.5
Vernon............	57,559	2.8	1.4	.0	.0	.3	33.0	9.7	8.0
Washington........	45,648	13.1	1.8	.4	.0	.4	49.1	13.6	14.9
Webster...........	44,732	7.2	1.8	.4	.4	.0	28.2	13.4	16.5
West Baton Rouge..	19,978	12.0	.0	.0	1.0	.0	39.0	9.0	11.0
West Carroll......	13,079	7.6	1.5	.0	.0	.0	24.5	7.6	9.2
West Feliciana....	12,919	1.5	1.5	.0	.0	.0	15.5	7.7	4.6
Winn..............	17,318	12.7	2.3	.0	.0	1.2	25.4	13.9	16.2
Maine...............	1,144,239	12.7	2.4	.3	.2	.0	20.9	13.8	2.5
Androscoggin......	100,329	15.2	3.0	.4	.2	.0	21.3	12.8	1.8
Aroostook.........	90,254	14.4	1.8	.4	.7	.0	18.6	8.9	1.8
Cumberland........	220,311	12.4	3.0	.3	.2	.2	17.8	14.0	2.2
Franklin..........	27,997	9.3	.7	.0	.0	.0	25.0	14.3	1.4
Hancock...........	42,805	15.9	1.9	.0	.0	.0	27.1	12.6	1.9
Kennebec..........	110,773	14.3	1.3	.2	.2	.0	19.7	16.2	2.5
Knox..............	33,901	13.0	1.8	.0	.0	.0	15.3	14.7	3.5
Lincoln...........	26,930	15.6	3.7	.0	1.5	.0	23.0	15.6	3.7
Oxford............	49,299	12.2	4.9	.4	.0	.0	31.6	19.5	.8
Penobscot.........	137,764	10.7	3.0	.1	.3	.0	23.1	13.4	2.8
Piscataquis.......	17,828	14.6	2.2	.0	.0	.0	26.9	14.6	3.4
Sagadahoc.........	29,619	10.1	1.4	.7	.0	.0	12.8	16.2	1.4
Somerset..........	46,056	10.0	.9	.0	.0	.0	24.3	13.9	3.9
Waldo.............	29,051	16.5	1.4	.0	.0	.0	21.3	17.2	6.2
Washington........	34,503	9.9	2.3	1.2	1.2	.0	23.2	13.3	5.2
York..............	146,819	11.7	2.2	.3	.1	.0	19.8	12.7	2.5
Maryland...........	4,297,406	11.1	3.1	.3	.2	.0	17.0	11.0	9.1
Allegany..........	78,354	15.6	2.3	.0	.3	.0	21.4	13.0	2.0
Anne Arundel......	383,122	9.1	1.3	.3	.3	.0	19.1	8.8	4.1
Baltimore.........	660,964	8.8	1.2	.1	.0	.0	15.8	11.2	4.8
Calvert...........	37,470	12.8	2.7	.0	.0	.0	24.0	9.1	4.8
Caroline..........	23,449	11.1	2.6	.0	.9	.0	37.5	11.9	6.0
Carroll...........	101,342	5.9	.6	.2	.0	.0	25.3	10.7	2.4
Cecil.............	62,823	7.3	1.6	.3	.3	.0	22.3	9.9	4.8
Charles...........	78,441	9.7	1.8	.0	.0	.0	32.9	9.4	5.6
Dorchester........	30,302	17.2	4.6	.7	.0	.0	23.8	14.5	9.9
Frederick.........	120,445	7.0	1.3	.0	.3	.0	16.8	13.6	3.0
Garrett...........	26,475	4.5	.8	.0	.0	.0	18.9	13.6	6.8
Harford...........	148,896	6.4	1.9	.1	.3	.0	25.1	10.5	2.7
Howard............	129,141	3.4	.8	.0	.0	.2	14.9	9.1	5.0
Kent..............	16,754	11.9	3.6	.0	.0	.0	34.6	14.3	2.4
Montgomery........	608,412	8.4	1.8	.2	.0	.0	13.1	11.1	3.5
Prince George's...	669,958	10.7	2.7	.1	.1	.0	16.5	10.0	8.7
Queen Anne's......	26,884	7.4	1.5	.0	.0	.0	33.5	17.1	3.0
St. Mary's........	62,292	7.4	1.6	.3	.0	.0	22.8	10.3	5.1
Somerset..........	19,007	21.0	2.1	1.1	1.1	.0	21.0	8.4	3.2
Talbot............	26,328	12.2	3.0	.0	1.5	.0	26.6	16.0	9.1
Washington........	113,037	11.1	2.5	1.1	.2	.0	16.3	10.4	2.8
Wicomico..........	66,000	16.4	4.5	.0	.6	.0	20.0	13.9	6.1

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
St. Mary..........	14.5	5.5	0.0	0.3	0.6	21.2	29.4	41.7	77	12	57	16
St. Tammany.......	17.1	2.3	1.1	.2	.3	20.9	26.1	39.2	68	24	56	18
Tangipahoa........	10.7	4.4	.0	.0	.0	14.7	27.9	40.3	73	16	27	41
Tensas............	4.8	4.8	2.4	.0	.0	11.9	23.5	31.6	47	46	15	49
Terrebonne........	12.2	3.0	.4	.2	.2	15.8	28.0	40.0	72	18	33	34
Union.............	11.1	3.7	.0	.9	.0	14.7	29.8	42.3	78	10	27	40
Vermilion.........	12.2	3.5	.4	.0	.4	16.5	23.5	33.0	51	41	36	32
Vernon............	3.8	2.4	.7	.0	.3	6.9	22.4	30.6	42	54	2	64
Washington........	21.0	3.5	1.3	.0	.4	25.8	38.3	55.7	94	2	73	4
Webster...........	10.7	4.9	3.6	.4	3.1	21.0	27.9	40.0	72	19	56	17
West Baton Rouge..	18.0	5.0	2.0	1.0	.0	23.0	29.3	43.5	79	8	64	10
West Carroll......	12.2	3.1	1.5	.0	.0	18.3	20.8	30.5	38	58	45	26
West Feliciana....	3.1	1.5	3.1	.0	1.5	7.7	12.4	17.1	2	64	3	62
Winn..............	18.5	11.5	5.8	.0	11.5	43.9	29.7	44.5	80	7	96	1
Maine...............	19.5	8.3	1.4	.5	.3	29.2	20.9	32.9	-	-	-	-
Androscoggin......	23.1	9.8	.8	.8	.2	33.3	22.2	35.2	52	7	87	2
Aroostook.........	23.3	7.5	2.2	.7	.0	33.2	19.2	30.8	35	12	87	3
Cumberland........	20.2	8.9	1.7	.5	.7	31.0	20.0	31.4	39	10	84	5
Franklin..........	15.0	5.7	.0	.0	.0	20.7	18.6	29.0	29	15	55	16
Hancock...........	22.0	9.3	.9	.0	.0	30.8	23.2	37.2	58	5	84	6
Kennebec..........	21.7	5.4	2.0	.4	.0	28.7	20.2	33.2	43	9	80	10
Knox..............	20.1	10.0	.6	.0	.0	30.7	18.1	30.0	30	14	84	8
Lincoln...........	20.8	11.1	3.0	1.5	.0	35.6	26.1	40.4	70	2	90	1
Oxford............	21.9	8.5	.8	.0	.0	30.8	27.8	41.3	75	1	84	7
Penobscot.........	15.7	11.6	1.3	.3	.4	27.7	21.6	32.6	45	8	78	11
Piscataquis.......	19.1	10.1	3.4	.0	.0	32.5	24.0	37.9	62	4	86	4
Sagadahoc.........	15.5	7.4	.7	.0	.0	22.3	15.4	25.3	13	16	61	15
Somerset..........	16.1	6.5	1.3	.9	.4	24.3	19.8	30.9	37	11	69	13
Waldo.............	21.3	4.1	1.4	.0	2.8	28.9	23.5	38.7	63	3	80	9
Washington........	13.9	5.8	1.7	1.2	.0	22.6	23.5	34.6	54	6	62	14
York..............	17.8	7.1	.8	.5	.3	26.2	19.4	30.4	34	13	74	12
Maryland............	16.4	7.1	.6	.2	.1	23.9	21.8	33.1	-	-	-	-
Allegany..........	23.5	6.4	.5	.3	.3	30.6	21.5	34.8	50	10	84	7
Anne Arundel......	13.6	4.4	.4	.4	.0	18.0	17.3	26.5	20	18	43	14
Baltimore.........	13.6	3.4	.2	.0	.2	17.3	16.1	25.3	15	20	40	15
Calvert...........	18.1	4.8	.0	.0	.0	23.0	22.1	34.0	49	12	64	11
Caroline..........	15.4	19.6	.0	.9	.0	33.3	28.9	42.1	77	3	87	4
Carroll...........	7.9	1.6	.2	.0	.0	9.7	17.1	25.3	17	19	7	23
Cecil.............	12.1	7.0	.6	1.0	.0	20.7	18.8	27.7	26	16	55	13
Charles...........	12.2	3.3	.0	.0	.0	14.8	24.1	35.5	57	8	28	20
Dorchester........	22.4	14.5	1.3	.7	.0	37.6	29.9	45.9	82	2	92	3
Frederick.........	11.1	4.3	.3	.5	.0	15.3	15.7	24.1	12	22	30	18
Garrett...........	8.3	2.3	.8	.0	.0	11.3	16.5	24.5	14	21	12	22
Harford...........	9.9	4.0	.4	.4	.0	14.5	18.8	27.3	25	17	26	21
Howard............	6.3	1.4	.0	.0	.2	7.9	12.7	18.6	3	24	4	24
Kent..............	16.7	10.7	.0	.0	.0	26.3	27.0	40.1	71	5	74	9
Montgomery........	12.7	3.9	.6	.0	.3	17.1	15.0	23.4	9	23	39	16
Prince George's...	15.3	5.5	.5	.1	.1	21.5	20.4	31.2	39	13	59	12
Queen Anne's......	10.4	6.0	.0	.0	.7	17.1	23.4	34.5	54	9	39	17
St. Mary's........	10.9	3.5	.3	.3	.0	15.1	19.0	28.1	28	15	29	19
Somerset..........	26.3	14.7	1.1	1.1	.0	41.0	24.8	40.5	68	7	95	2
Talbot............	18.2	11.4	.8	1.5	.0	31.1	28.2	41.9	76	4	85	6
Washington........	16.3	9.7	1.8	.2	.2	27.4	18.5	28.6	28	14	77	8
Wicomico..........	23.0	10.3	.0	.6	.0	32.4	25.9	40.3	69	6	86	5

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Worcester.........	32,700	9.8	1.2	0.0	0.0	0.0	25.1	14.7	7.3
Baltimore City....	774,808	19.7	8.8	.9	.3	.0	12.3	12.1	27.7
Massachusetts.......	5,772,295	13.6	1.4	.2	.1	.0	15.0	8.9	3.7
Barnstable........	155,486	16.9	1.4	.1	.4	.1	18.8	13.6	1.3
Berkshire.........	143,123	14.0	1.5	.1	.0	.1	18.2	10.2	1.5
Bristol...........	476,063	13.7	.8	.1	.0	.0	15.5	8.2	3.2
Dukes.............	9,757	18.4	4.1	.0	.0	.0	16.4	10.2	.0
Essex.............	640,217	14.7	1.5	.2	.1	.0	14.5	9.6	2.7
Franklin..........	64,392	10.2	1.6	.3	.3	.0	23.3	11.8	2.2
Hampden...........	443,392	14.4	1.7	.2	.0	.0	15.2	8.6	4.2
Hampshire.........	139,860	10.9	1.4	.0	.3	.0	15.0	11.4	.7
Middlesex.........	1,369,971	13.4	1.2	.3	.1	.1	13.6	7.6	2.1
Nantucket.........	5,558	43.2	7.2	.0	.0	.0	18.0	14.4	3.6
Norfolk...........	604,248	11.0	.7	.2	.2	.1	15.0	7.5	1.9
Plymouth..........	410,859	11.8	1.2	.1	.0	.0	16.6	8.8	2.6
Suffolk...........	660,136	17.5	2.9	.4	.2	.0	10.3	9.9	13.0
Worcester.........	649,233	11.8	1.2	.2	.1	.0	18.9	9.8	3.4
Michigan............	9,142,227	14.2	1.6	.4	.1	.1	18.8	12.1	10.5
Alcona............	9,838	10.2	4.1	.0	.0	.0	14.2	16.3	10.2
Alger.............	9,020	8.9	4.4	2.2	.0	.0	31.0	17.7	2.2
Allegan...........	82,918	8.4	.5	.0	.2	.0	24.6	7.2	2.2
Alpena............	31,649	13.9	1.3	.6	.6	.0	21.5	10.7	.6
Antrim............	16,555	6.0	2.4	.0	.0	.0	25.4	10.9	1.2
Arenac............	14,880	18.8	.0	.0	.0	.0	32.3	16.1	.0
Baraga............	8,386	19.1	7.2	2.4	.0	2.4	45.3	16.7	.0
Barry.............	46,055	3.9	.4	.0	.0	.0	32.6	10.4	1.3
Bay...............	117,938	12.2	.7	.0	.0	.2	19.5	9.2	4.6
Benzie............	11,163	14.3	.0	1.8	.0	.0	28.7	10.8	7.2
Berrien...........	166,759	12.4	2.2	.5	.1	.0	22.4	10.9	6.7
Branch............	39,448	12.7	.0	.0	.0	.0	31.9	12.2	.5
Calhoun...........	138,849	13.1	2.7	.3	.0	.1	21.5	10.8	6.9
Cass..............	48,698	8.6	2.1	.4	.0	.0	26.7	12.7	6.2
Charlevoix........	19,742	9.1	4.1	1.0	.0	.0	22.3	10.1	2.0
Cheboygan.........	20,665	7.7	.0	.0	1.0	.0	20.3	24.2	2.9
Chippewa..........	29,155	11.0	2.7	.0	.7	.0	9.6	14.4	4.1
Clare.............	24,190	20.7	1.7	.0	.0	.0	28.1	11.6	3.3
Clinton...........	55,536	6.8	.4	.0	.0	.0	24.1	11.9	2.2
Crawford..........	9,740	8.2	4.1	2.1	.0	.0	30.8	12.3	.0
Delta.............	39,005	14.9	.0	.0	.0	.0	21.5	15.4	1.5
Dickinson.........	25,629	14.8	.8	.0	.0	.0	19.5	15.6	1.6
Eaton.............	88,348	5.2	.7	.0	.0	.2	22.6	9.5	3.6
Emmet.............	23,284	13.7	.9	1.7	.0	.9	26.6	15.5	.9
Genesee...........	440,971	10.8	2.8	.4	.0	.0	20.8	11.7	11.4
Gladwin...........	20,677	11.6	1.0	.0	.0	.0	28.1	10.6	2.9
Gogebic...........	19,400	15.5	.0	.0	1.0	.0	17.5	15.5	2.1
Grand Traverse....	55,990	7.9	1.4	.0	.0	.0	30.4	13.2	1.8
Gratiot...........	39,703	6.0	.0	.0	.0	.0	23.2	11.6	1.5
Hillsdale.........	41,625	7.7	.0	.5	.0	.0	27.4	14.9	3.4
Houghton..........	37,621	18.6	4.3	.5	.5	.5	14.9	11.2	1.6
Huron.............	36,315	14.9	1.1	.0	.0	.0	31.4	13.8	2.2
Ingham............	271,827	6.5	1.3	.4	.0	.1	14.4	11.6	4.1
Ionia.............	52,075	9.2	.8	.4	.0	.0	30.0	11.1	1.9
Iosco.............	29,440	19.0	4.1	1.4	.0	.0	25.8	13.6	3.4
Iron..............	13,813	15.9	2.9	.0	.0	.0	13.0	21.7	.0
Isabella..........	53,998	5.9	.0	.0	.0	.0	19.3	5.6	2.6

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Worcester	19.6	3.7	0.0	0.0	0.6	23.9	22.2	33.9	50	11	67	10
Baltimore City	28.4	17.7	1.3	.4	.1	46.7	38.7	57.5	95	1	97	1
Massachusetts	20.4	3.5	.6	.2	.2	24.7	17.2	28.3	-	-	-	-
Barnstable	24.3	5.7	.4	.6	.3	30.0	20.2	33.9	45	4	83	4
Berkshire	21.4	5.2	1.1	.0	.3	27.5	17.9	29.5	28	6	77	6
Bristol	20.6	2.8	.3	.0	.1	24.0	16.2	27.3	19	10	68	8
Dukes	30.7	6.1	.0	.0	.0	36.9	20.6	34.1	46	3	92	2
Essex	21.4	4.1	.3	.2	.2	26.0	17.2	28.8	25	9	73	7
Franklin	15.8	4.3	1.2	.6	.3	22.7	19.5	30.0	33	5	63	11
Hampden	21.7	4.9	.9	.1	.1	27.6	17.9	29.5	28	7	77	5
Hampshire	15.2	3.4	.3	.3	.1	18.9	15.1	24.7	12	13	47	14
Middlesex	19.8	2.5	.6	.1	.3	23.1	15.3	25.6	14	12	64	10
Nantucket	57.6	7.2	.0	.0	.0	64.8	37.0	65.4	96	1	99	1
Norfolk	17.0	1.7	.3	.3	.3	19.3	14.4	23.6	9	14	49	13
Plymouth	18.2	2.6	.3	.1	.1	21.0	16.2	26.4	17	11	56	12
Suffolk	26.4	5.4	.8	.4	.2	33.3	23.1	37.6	59	2	88	3
Worcester	18.4	3.8	.6	.2	.2	23.3	17.8	28.5	26	8	65	9
Michigan	21.5	4.8	1.0	.2	.3	27.4	23.2	36.8	-	-	-	-
Alcona	16.3	8.1	2.0	.0	.0	26.4	22.2	33.8	49	30	75	31
Alger	17.7	6.7	6.7	.0	.0	31.0	27.9	39.5	72	8	84	19
Allegan	12.5	2.7	.0	.2	.0	15.4	17.0	25.8	18	72	31	71
Alpena	19.6	3.8	.6	1.3	.6	24.0	19.7	31.5	38	44	68	42
Antrim	9.7	8.5	1.2	.0	.0	19.3	18.3	26.4	22	64	49	59
Arenac	30.9	4.0	.0	.0	.0	32.3	24.5	40.9	68	10	86	17
Baraga	23.8	14.3	4.8	.0	4.8	47.7	42.1	60.2	96	2	97	4
Barry	7.4	4.8	.4	.0	.4	13.0	18.4	26.1	22	65	19	76
Bay	17.3	1.5	.0	.3	.2	19.2	18.0	29.1	28	57	48	60
Benzie	21.5	1.8	1.8	.0	.0	23.3	25.2	39.2	66	11	65	46
Berrien	19.8	5.3	1.4	.4	.0	26.5	22.6	34.7	52	26	75	30
Branch	19.8	4.6	.0	1.0	.0	25.3	21.3	33.8	47	33	72	38
Calhoun	19.6	6.5	1.3	.3	2.3	28.8	23.0	35.4	54	21	80	26
Cass	11.9	7.4	.8	.0	.8	19.7	22.7	33.5	50	29	51	58
Charlevoix	18.2	6.1	3.0	.0	1.0	26.3	21.1	30.6	39	40	74	32
Cheboygan	12.6	2.9	1.0	1.0	.0	16.5	18.9	29.9	32	54	36	66
Chippewa	29.5	6.9	.0	.7	.0	37.0	16.8	26.9	20	67	92	15
Clare	33.9	4.1	.0	.0	.0	38.0	25.8	42.6	73	7	93	12
Clinton	9.7	1.8	.4	.0	.0	11.5	16.7	25.4	16	73	13	80
Crawford	18.5	18.5	8.2	.0	.0	45.2	24.9	34.8	57	19	96	7
Delta	20.5	1.5	.0	.0	.0	21.5	18.9	32.2	38	45	59	51
Dickinson	27.3	3.1	.8	.0	.0	30.4	18.9	32.0	37	46	83	21
Eaton	9.5	1.8	.9	.2	.2	12.7	16.2	23.7	12	76	18	77
Emmet	21.5	3.4	4.3	.0	.9	30.9	23.8	36.9	59	17	84	20
Genesee	15.5	6.1	1.0	.1	.4	22.8	24.1	36.2	58	18	63	48
Gladwin	23.2	1.9	.0	1.9	.0	25.1	21.0	32.7	44	36	71	39
Gogebic	26.8	11.3	1.0	1.0	.0	37.1	18.8	32.1	37	47	92	14
Grand Traverse	10.7	3.9	1.4	.0	.4	16.4	20.9	31.0	40	38	36	67
Gratiot	10.6	1.0	.5	.0	.0	12.1	15.2	23.3	10	79	16	78
Hillsdale	13.0	3.8	1.0	.0	1.0	17.3	19.7	30.0	34	51	40	64
Houghton	27.1	11.7	3.2	1.6	.5	42.5	22.7	36.6	56	20	95	9
Huron	25.3	5.5	.0	.0	.0	29.7	24.2	38.4	63	13	82	23
Ingham	11.2	3.5	1.1	.0	.1	15.7	14.8	22.6	8	80	32	70
Ionia	14.6	5.4	1.2	.0	.0	20.7	20.6	31.1	39	39	55	54
Iosco	31.9	8.8	2.0	.0	.0	40.8	28.4	44.4	79	6	94	10
Iron	27.5	10.1	.0	.0	.0	37.6	19.2	33.0	40	37	92	13
Isabella	7.8	.7	.4	.0	.0	8.9	12.8	19.6	3	82	5	82

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Jackson	147,422	9.6	1.9	0.3	0.1	0.3	19.7	12.5	5.7
Kalamazoo	212,704	8.7	.5	.5	.3	.2	16.8	11.8	3.8
Kalkaska	11,210	5.4	3.6	.0	.0	.0	17.8	16.1	.0
Kent	453,406	9.6	1.8	.2	.0	.0	18.0	9.4	5.6
Keweenaw	2,009	79.6	.0	.0	.0	.0	19.9	39.8	.0
Lake	8,159	22.1	.0	.0	.0	.0	34.3	14.7	4.9
Lapeer	69,374	8.4	.0	.3	.0	.0	31.4	11.5	1.7
Leelanau	14,281	11.2	1.4	.0	.0	.0	29.4	14.0	1.4
Lenawee	88,910	6.1	1.1	.4	.2	.2	22.3	13.9	1.8
Livingston	99,865	7.0	1.4	.6	.2	.2	26.0	9.4	1.6
Luce	6,243	9.6	3.2	.0	.0	.0	9.6	19.2	3.2
Mackinac	10,205	9.8	5.9	.0	.0	.0	33.3	11.8	.0
Macomb	689,885	13.1	1.6	.3	.1	.0	14.8	12.1	4.6
Manistee	22,561	14.2	1.8	.9	.9	.0	12.4	14.2	.0
Marquette	72,924	11.2	1.1	.0	.3	.0	16.7	14.3	1.1
Mason	26,114	8.4	2.3	.0	.0	.0	30.6	16.1	3.1
Mecosta	36,922	8.7	1.1	.0	.0	.0	16.8	9.2	3.3
Menominee	26,069	12.3	.8	.8	.8	.0	19.2	13.0	6.1
Midland	73,805	6.0	.8	.0	.0	.3	16.3	8.9	1.4
Missaukee	10,352	1.9	.0	.0	.0	.0	42.5	7.7	3.9
Monroe	132,386	8.2	.9	.2	.2	.0	22.4	12.5	3.5
Montcalm	48,819	7.8	.8	.8	.0	.0	30.7	12.7	1.2
Montmorency	7,678	5.2	.0	2.6	.0	.0	33.9	20.8	.0
Muskegon	156,507	10.7	1.5	.3	.0	.1	19.8	11.4	5.2
Newaygo	35,637	8.4	1.7	.0	.0	.6	27.5	8.4	1.1
Oakland	1,007,995	9.9	1.0	.2	.0	.0	17.5	12.8	5.1
Oceana	22,157	9.0	2.7	.0	.0	.0	32.5	11.7	5.4
Ogemaw	16,929	10.6	2.4	.0	1.2	.0	27.2	15.4	4.7
Ontonagon	9,738	22.6	.0	.0	2.1	.0	18.5	6.2	2.1
Osceola	19,565	10.2	.0	1.0	.0	.0	21.5	10.2	8.2
Oscoda	6,896	26.1	.0	.0	.0	.0	40.6	8.7	2.9
Otsego	15,113	9.3	.0	1.3	.0	.0	22.5	10.6	2.6
Ottawa	160,805	5.1	1.0	.0	.0	.1	20.3	6.3	.7
Presque Isle	14,054	18.5	.0	.0	.0	.0	17.1	12.8	7.1
Roscommon	17,440	6.9	3.4	1.1	1.1	.0	28.7	10.3	1.1
Saginaw	222,258	11.9	1.4	.8	.2	.0	18.0	10.7	12.3
St. Clair	138,252	14.2	1.2	.1	.3	.1	24.3	9.1	2.5
St. Joseph	56,812	8.8	.0	.4	.0	.0	28.2	10.9	3.5
Sanilac	40,161	10.5	.0	1.0	.0	.0	27.4	11.0	1.5
Schoolcraft	8,508	21.2	4.7	.0	.0	.0	16.5	21.2	.0
Shiawassee	69,711	6.9	1.4	.6	.0	.0	21.2	12.3	2.3
Tuscola	55,789	5.7	.4	1.4	.0	.0	29.8	6.8	.7
Van Buren	66,319	9.0	2.1	.3	.3	.0	30.2	16.0	5.4
Washtenaw	262,050	6.8	1.5	.1	.2	.0	15.0	13.1	4.8
Wayne	2,251,713	26.8	2.3	.5	.2	.0	14.7	13.4	28.2
Wexford	25,612	10.2	.8	1.6	.0	.0	28.9	17.2	2.3
Minnesota	4,124,752	8.3	1.5	.2	.1	.2	18.4	10.7	2.2
Aitkin	13,346	9.0	1.5	.0	.0	.0	43.5	15.0	1.5
Anoka	203,781	5.5	1.0	.2	.0	.0	17.9	9.8	.9
Becker	29,391	10.9	1.4	.0	.0	.0	35.4	8.2	2.7
Beltrami	31,960	10.6	1.3	.0	.0	.0	30.7	11.3	3.1
Benton	25,836	7.7	.8	.8	.0	.0	31.7	6.2	2.3
Big Stone	7,677	7.8	.0	.0	.0	.0	39.1	5.2	2.6
Blue Earth	51,756	8.9	1.9	.0	.0	.0	15.1	6.6	.8
Brown	28,603	9.1	.7	.7	.0	.7	21.7	11.2	.7
Carlton	30,060	10.0	2.0	.7	.0	.0	17.3	12.6	2.7
Carver	38,360	9.4	1.6	.0	.0	.5	16.7	12.0	1.6

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates: Minimum	Range of Rates: Maximum	Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
Jackson	16.0	4.3	1.4	0.3	0.3	22.0	20.0	30.4	36	48	61	50
Kalamazoo	12.1	2.1	1.1	.4	.3	15.3	16.2	25.3	15	74	30	72
Kalkaska	17.8	12.5	1.8	.0	.0	30.3	16.5	24.0	13	75	83	22
Kent	14.4	5.6	.6	.0	.2	20.5	18.0	27.7	24	61	54	56
Keweenaw	99.6	29.9	.0	.0	.0	119.5	49.0	101.0	99	1	99	1
Lake	44.1	2.5	.0	.0	.0	46.6	28.7	47.7	83	5	97	6
Lapeer	14.4	1.7	1.4	.0	.0	17.3	20.0	30.3	36	49	40	63
Leelanau	16.8	1.4	1.4	.0	1.4	21.0	21.8	33.7	48	31	56	53
Lenawee	9.9	2.2	.9	.4	.2	13.5	17.5	25.9	19	68	22	75
Livingston	11.4	3.4	1.0	.2	.6	16.0	18.8	27.4	26	59	33	69
Luce	28.8	6.4	.0	.0	12.8	48.1	16.5	26.6	18	71	97	3
Mackinac	11.8	15.7	.0	.0	.0	25.5	26.2	37.2	65	12	72	35
Macomb	19.3	4.6	.5	.1	.2	24.3	18.1	29.6	30	56	68	41
Manistee	25.7	3.5	2.7	.9	.0	32.8	17.4	28.8	26	58	87	16
Marquette	20.0	4.4	1.9	.3	1.4	26.3	16.4	26.9	19	69	74	33
Mason	17.6	3.8	.8	.0	.0	23.0	23.3	34.4	53	25	64	47
Mecosta	15.2	4.3	.5	.5	.5	20.6	15.1	23.7	10	78	54	55
Menominee	19.9	6.9	2.3	.8	.0	29.2	20.9	32.9	44	34	81	24
Midland	8.4	1.9	.8	.3	.8	11.9	12.8	19.5	3	83	15	79
Missaukee	3.9	.0	1.9	.0	.0	5.8	22.0	29.7	39	41	1	83
Monroe	14.2	6.0	6.3	.3	.0	25.4	18.1	27.7	24	60	72	37
Montcalm	13.9	1.2	1.6	.0	.0	17.2	20.9	30.8	39	42	40	65
Montmorency	20.8	.0	2.6	.0	.0	23.4	23.1	33.2	50	28	66	45
Muskegon	16.5	6.4	.8	.3	2.7	25.4	19.4	30.2	33	53	72	36
Newaygo	15.7	7.9	.0	.0	.6	23.6	19.5	28.6	30	55	66	44
Oakland	15.2	2.6	.7	.0	.5	18.9	17.6	27.9	24	63	47	61
Oceana	12.6	9.0	2.7	.0	1.8	26.2	24.9	36.3	60	16	74	34
Ogemaw	20.1	2.4	1.2	1.2	.0	22.4	24.6	36.8	61	15	62	49
Ontonagon	43.1	12.3	.0	2.1	2.1	57.5	21.3	36.9	54	23	98	2
Osceola	21.5	4.1	2.0	.0	.0	27.6	20.1	31.1	38	43	77	27
Oscoda	34.8	5.8	.0	.0	.0	40.6	30.9	51.4	88	4	94	11
Otsego	15.9	1.3	1.3	.0	1.3	19.9	17.9	27.7	24	62	52	57
Ottawa	7.5	1.6	.4	.0	.4	9.8	13.3	19.5	4	81	7	81
Presque Isle	22.8	4.3	.0	1.4	1.4	27.0	20.7	35.9	51	27	76	28
Roscommon	17.2	11.5	2.3	1.1	1.1	32.1	23.2	32.0	47	32	86	18
Saginaw	19.4	4.2	1.3	.3	.2	24.7	22.8	35.1	53	24	70	40
St. Clair	24.3	4.1	.9	.4	.1	29.1	20.7	33.0	44	35	81	25
St. Joseph	12.3	3.2	.7	.0	.0	16.2	19.6	29.9	33	52	34	68
Sanilac	19.9	3.0	1.0	.0	.5	23.9	19.7	30.5	35	50	67	43
Schoolcraft	32.9	9.4	2.4	.0	.0	44.7	24.5	41.4	69	9	96	8
Shiawassee	12.0	2.0	.6	.6	.6	14.9	17.3	25.8	19	70	28	73
Tuscola	13.6	2.2	1.8	.0	.0	17.6	18.3	26.0	21	66	41	62
Van Buren	14.5	5.4	1.5	.3	.0	21.4	24.8	36.7	61	14	58	52
Washtenaw	9.2	4.3	.5	.2	.2	14.1	15.6	24.0	12	77	24	74
Wayne	39.2	6.7	1.1	.3	.2	46.6	36.2	59.4	94	3	97	5
Wexford	14.8	5.5	6.2	.0	.0	26.5	23.2	35.2	54	22	75	29
Minnesota	13.3	5.2	1.4	.3	.8	20.1	16.4	25.1	-	-	-	-
Aitkin	12.0	6.0	.0	.0	.0	18.0	27.1	39.6	70	3	43	50
Anoka	8.6	2.4	.4	.2	.6	11.6	13.3	20.1	4	77	13	80
Becker	15.0	8.2	.7	.0	.7	23.8	23.6	35.2	56	6	67	18
Beltrami	16.3	6.9	1.9	.6	2.5	26.3	22.2	33.8	49	7	74	13
Benton	11.6	5.4	.8	.8	.8	18.6	20.4	29.5	34	22	46	44
Big Stone	13.0	5.2	.0	.0	.0	15.6	21.9	31.7	44	14	31	65
Blue Earth	13.1	4.6	1.2	.4	.0	18.2	13.6	21.3	5	73	44	49
Brown	14.7	4.2	2.8	.0	.7	21.7	17.5	26.8	21	34	59	27
Carlton	14.6	7.3	2.0	.0	.0	23.3	17.8	27.7	24	30	65	23
Carver	15.6	2.6	.0	.0	.5	18.8	16.1	25.3	15	44	47	43

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Cass.............	21,336	9.4	1.9	0.0	0.9	0.0	45.0	15.0	4.7
Chippewa..........	14,770	13.5	2.7	.0	.0	.0	20.3	8.1	1.4
Chisago...........	26,671	8.2	1.5	.0	.7	.0	22.5	12.7	1.5
Clay..............	48,870	5.7	.8	.0	.4	1.2	14.7	5.3	2.9
Clearwater........	8,820	4.5	2.3	.0	.0	.0	34.0	15.9	2.3
Cook..............	4,104	.0	14.6	.0	.0	.0	9.7	19.5	4.9
Cottonwood........	14,608	8.2	.0	.0	.0	.0	16.4	9.6	.0
Crow Wing.........	42,473	10.4	1.9	.0	.0	.0	24.0	15.1	2.4
Dakota............	205,247	6.0	1.2	.3	.2	.0	16.7	9.5	1.0
Dodge.............	15,056	2.7	.0	1.3	.0	.0	41.2	12.0	1.3
Douglas...........	28,431	7.7	2.1	.7	.0	.7	19.7	12.7	.7
Faribault.........	19,183	7.3	.0	.0	.0	.0	28.1	7.3	.0
Fillmore..........	21,826	5.5	1.8	.0	.0	.0	21.1	11.0	1.8
Freeborn..........	35,771	6.7	1.1	.0	.0	.0	22.4	7.3	1.7
Goodhue...........	39,064	5.1	1.0	.0	.0	.0	27.1	10.8	2.0
Grant.............	7,047	8.5	5.7	.0	.0	.0	22.7	2.8	.0
Hennepin..........	957,419	9.6	2.0	.3	.1	.5	12.3	13.5	4.1
Houston...........	18,835	8.5	1.1	.0	.0	.0	27.6	8.5	.0
Hubbard...........	14,201	7.0	1.4	1.4	.0	.0	35.2	5.6	.0
Isanti............	24,110	1.7	1.7	.0	.0	.0	29.0	6.6	.8
Itasca............	42,772	9.8	1.4	.0	.5	.0	27.6	9.4	.9
Jackson...........	13,689	16.1	.0	.0	.0	.0	11.7	4.4	.0
Kanabec...........	12,332	9.7	1.6	.0	.0	.0	34.1	14.6	3.2
Kandiyohi.........	37,450	8.0	1.6	.5	.0	.0	27.8	6.4	1.6
Kittson...........	6,608	9.1	.0	.0	.0	.0	36.3	9.1	.0
Koochiching.......	16,917	10.6	2.4	.0	2.4	.0	17.7	21.3	1.2
Lac Qui Parle.....	10,473	9.5	.0	.0	1.9	.0	36.3	5.7	.0
Lake..............	12,320	11.4	3.2	.0	.0	.0	21.1	13.0	1.6
Lake of the Woods.	3,804	10.5	.0	.0	.0	.0	36.8	36.8	.0
Le Sueur..........	23,508	5.1	1.7	.0	.0	.0	20.4	6.8	4.3
Lincoln...........	7,983	5.0	5.0	.0	.0	.0	22.5	2.5	.0
Lyon..............	25,264	8.7	.8	.0	.0	.0	18.2	15.0	1.6
McLeod............	30,183	2.7	2.0	.0	1.3	.0	20.5	9.9	.0
Mahnomen..........	5,475	11.0	.0	.0	.0	.0	40.2	7.3	7.3
Marshall..........	12,703	12.6	.0	.0	.0	.0	18.9	9.4	.0
Martin............	24,859	4.8	.0	.0	.0	.0	20.9	6.4	.0
Meeker............	20,886	6.7	1.0	.0	.0	.0	31.6	7.7	.0
Mille Lacs........	18,641	5.4	2.1	.0	.0	.0	22.5	9.7	1.1
Morrison..........	29,698	12.1	2.7	.7	.0	1.3	20.2	7.4	1.3
Mower.............	40,171	8.0	1.5	.0	.5	.0	15.4	7.0	.5
Murray............	11,232	8.9	1.8	.0	.0	.0	16.0	7.1	.0
Nicollet..........	27,132	5.2	.7	.7	.0	.0	19.9	8.8	.0
Nobles............	21,580	6.5	.9	.0	.0	.0	25.0	8.3	1.9
Norman............	9,013	6.7	.0	.0	.0	2.2	22.2	13.3	.0
Olmsted...........	94,487	4.4	1.3	.4	.0	.2	19.9	10.6	2.3
Otter Tail........	52,051	12.7	2.3	.4	.8	.0	26.5	9.2	.4
Pennington........	14,600	9.6	1.4	.0	.0	.0	26.0	9.6	1.4
Pine..............	20,413	4.9	2.0	.0	.0	.0	25.5	6.9	2.9
Pipestone.........	11,500	7.0	1.7	.0	.0	.0	20.9	8.7	5.2
Polk..............	34,321	7.6	.0	.6	.0	.6	25.6	7.0	.6
Pope..............	11,602	8.6	.0	.0	.0	1.7	27.6	3.4	.0
Ramsey............	464,710	9.7	1.3	.2	.1	.2	12.1	11.1	3.8
Red Lake..........	5,343	7.5	.0	.0	.0	.0	15.0	.0	.0
Redwood...........	19,164	3.1	1.0	.0	.0	.0	26.1	9.4	1.0
Renville..........	20,137	6.0	3.0	.0	.0	.0	20.9	9.9	.0
Rice..............	46,665	6.9	.9	.4	.4	.0	19.7	10.3	2.1
Rock..............	10,677	3.7	.0	.0	.0	.0	15.0	7.5	.0
Roseau............	12,645	1.6	.0	.0	.0	.0	30.1	11.1	.0
St. Louis.........	214,321	14.0	2.8	.4	.1	.0	18.5	14.9	1.5
Scott.............	45,775	7.4	.4	.0	.0	.0	17.5	8.7	2.2

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Cass	13.1	10.3	1.9	0.9	2.8	27.2	30.8	44.1	81	1	77	10
Chippewa	23.0	8.1	1.4	.0	1.4	32.5	19.1	30.2	33	24	86	4
Chisago	14.2	3.0	1.5	.7	1.5	21.0	18.3	27.7	25	29	56	32
Clay	7.8	6.1	1.2	.8	2.9	17.6	13.4	19.5	4	79	42	52
Clearwater	4.5	6.8	2.3	.0	2.3	15.9	22.7	31.9	46	10	33	63
Cook	9.7	34.1	4.9	.0	.0	48.7	24.9	30.1	47	9	97	1
Cottonwood	15.1	1.4	.0	.0	1.4	17.8	12.2	20.1	3	80	43	51
Crow Wing	16.5	4.7	1.4	.0	1.4	23.5	20.3	31.5	40	17	66	21
Dakota	9.2	3.5	1.2	.2	.3	13.6	13.5	20.4	4	76	22	73
Dodge	4.0	2.7	2.7	.0	.0	9.3	22.7	31.0	44	13	6	85
Douglas	8.4	7.7	.7	.0	1.4	18.3	17.8	26.4	21	35	45	47
Faribault	9.4	4.2	1.0	1.0	.0	14.6	16.3	24.6	14	49	26	69
Fillmore	8.2	7.3	2.7	.0	.9	18.3	16.0	23.5	11	55	45	46
Freeborn	11.7	3.9	1.1	.6	.0	17.3	15.5	23.1	10	59	40	55
Goodhue	10.8	6.7	3.1	.0	1.5	21.5	17.6	25.6	19	39	59	28
Grant	19.9	5.7	2.8	.0	.0	28.4	19.3	26.8	25	28	79	8
Hennepin	15.5	6.0	1.7	.3	.9	23.5	16.6	26.1	17	40	66	22
Houston	11.7	2.1	2.1	1.1	.0	17.0	17.8	26.9	22	33	39	57
Hubbard	12.7	5.6	1.4	.0	.0	19.7	21.6	30.3	40	18	51	40
Isanti	5.8	3.3	.0	.0	1.7	10.0	16.3	21.6	9	61	8	83
Itasca	16.8	8.9	1.4	.5	1.4	28.1	19.8	29.9	34	23	78	9
Jackson	19.0	1.5	1.5	.0	.0	20.5	12.4	23.1	6	68	54	34
Kanabec	14.6	8.1	.0	.0	1.6	24.3	24.4	36.4	59	5	69	15
Kandiyohi	10.7	1.6	1.1	.0	.0	13.9	19.1	27.9	27	26	23	72
Kittson	15.1	.0	6.1	.0	.0	21.2	20.8	31.2	40	16	57	30
Koochiching	13.0	11.8	2.4	2.4	.0	26.0	21.4	32.9	45	12	73	14
Lac Qui Parle	15.3	5.7	.0	3.8	.0	21.0	22.2	32.3	46	11	56	31
Lake	19.5	9.7	1.6	1.6	.0	30.8	20.1	31.1	38	19	84	5
Lake of the Woods	21.0	.0	.0	.0	5.3	26.3	27.1	43.1	76	2	74	12
Le Sueur	11.1	6.8	.0	.0	.0	17.0	15.7	22.6	9	60	39	56
Lincoln	22.5	12.5	5.0	2.5	.0	42.6	17.0	22.6	12	52	95	2
Lyon	15.0	4.0	.8	.8	1.6	22.2	15.8	25.3	14	47	61	25
McLeod	5.3	8.6	.7	1.3	.0	14.6	15.0	20.4	6	69	26	70
Mahnomen	14.6	14.6	.0	.0	.0	29.2	26.3	39.1	68	4	81	7
Marshall	15.7	6.3	1.6	.0	1.6	23.6	15.0	25.5	13	50	66	20
Martin	12.1	3.2	.0	.0	.0	15.3	12.1	18.1	2	83	30	66
Meeker	12.4	1.9	1.9	.0	.0	16.3	18.5	26.9	24	31	35	62
Mille Lacs	13.9	5.4	.0	.0	1.1	20.4	16.2	23.4	12	53	54	36
Morrison	16.2	11.4	1.3	.7	2.0	29.6	20.3	30.5	37	21	82	6
Mower	12.9	8.0	.5	.5	.5	20.4	13.4	20.6	4	74	54	35
Murray	14.2	7.1	.0	.0	.0	21.4	13.6	21.4	5	72	58	29
Nicollet	10.3	1.5	.7	.0	.0	12.5	13.7	20.2	4	75	18	77
Nobles	16.7	1.9	.9	.0	.0	19.5	16.6	24.6	14	45	50	41
Norman	15.5	2.2	2.2	.0	4.4	20.0	16.9	25.2	16	41	52	38
Olmsted	5.9	2.5	3.8	.0	.6	12.9	15.3	22.1	8	63	19	76
Otter Tail	17.7	6.5	1.2	.8	1.5	26.9	21.8	33.2	47	8	76	11
Pennington	15.1	5.5	2.7	1.4	.0	21.9	18.8	28.7	29	25	60	26
Pine	11.8	2.9	1.0	.0	1.0	16.7	17.4	24.5	16	42	37	59
Pipestone	10.4	1.7	.0	.0	.0	12.2	17.5	26.0	19	37	16	78
Polk	11.7	11.1	1.7	.6	1.2	23.9	16.7	24.9	15	43	67	17
Pope	13.8	8.6	1.7	.0	1.7	24.1	17.5	25.8	19	38	68	16
Ramsey	15.6	4.0	.6	.2	.4	20.3	14.8	23.9	10	57	53	37
Red Lake	11.2	.0	.0	.0	3.7	15.0	9.4	15.0	0	86	29	68
Redwood	5.2	4.2	.0	.0	.0	9.4	15.7	22.0	8	62	6	84
Renville	8.9	7.9	1.0	.0	.0	16.9	16.2	23.4	11	54	38	58
Rice	12.4	2.6	1.7	.4	.4	16.3	15.9	23.9	12	51	35	61
Rock	7.5	13.1	1.9	.0	.0	20.6	9.3	14.3	0	87	55	33
Roseau	7.9	3.2	.0	.0	.0	11.1	15.5	21.5	8	64	11	82
St. Louis	23.5	10.4	2.6	.5	3.2	37.7	20.5	32.8	43	15	92	3
Scott	10.0	1.7	.4	.0	.9	13.1	13.6	21.4	5	71	20	74

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Sherburne.........	31,242	7.0	0.0	0.6	0.0	0.0	22.4	11.5	1.9
Sibley............	15,357	1.3	1.3	.0	.0	.0	24.7	6.5	.0
Stearns...........	110,471	4.7	.7	.2	.0	.2	24.3	7.8	.2
Steele............	30,110	10.6	.0	.7	.0	.0	9.3	8.0	.0
Stevens...........	10,957	9.1	.0	1.8	.0	1.8	11.0	3.7	.0
Swift.............	12,722	9.4	1.6	.0	.0	.0	15.7	6.3	1.6
Todd..............	25,370	3.9	2.4	.0	.0	.0	24.4	4.7	2.4
Traverse..........	5,520	.0	3.6	.0	.0	3.6	18.1	7.2	.0
Wabasha...........	19,434	7.2	.0	.0	.0	.0	37.0	8.2	1.0
Wadena............	14,111	9.9	1.4	.0	.0	.0	15.6	8.5	2.8
Waseca............	18,388	8.7	.0	.0	.0	.0	19.6	6.5	1.1
Washington........	118,685	4.7	.0	.0	.0	.0	16.9	8.4	2.0
Watonwan..........	12,278	4.9	1.6	.0	.0	1.6	17.9	1.6	1.6
Wilkin............	8,229	9.7	.0	.0	.0	.0	29.2	4.9	.0
Winona............	46,431	8.6	1.7	.0	.0	.0	21.5	8.2	.9
Wright............	60,343	7.6	1.0	.3	.0	.0	27.2	8.0	1.3
Yellow Medicine...	13,387	4.5	.0	3.0	.0	.0	25.4	17.9	.0
Mississippi.........	2,566,775	8.1	1.8	.3	.2	.1	28.3	9.9	12.3
Adams.............	38,734	6.7	1.5	.0	2.1	.0	24.3	11.9	18.1
Alcorn............	32,741	9.2	1.2	.0	.0	.0	27.5	11.6	18.3
Amite.............	13,309	15.0	1.5	.0	.0	.0	51.1	6.0	10.5
Attala............	19,595	10.2	.0	.0	1.0	.0	28.6	8.2	11.2
Benton............	8,394	7.1	.0	.0	.0	.0	47.7	7.1	11.9
Bolivar...........	45,443	6.6	2.6	.4	.0	.0	25.5	6.6	21.6
Calhoun...........	15,506	5.2	2.6	.0	.0	.0	34.8	18.1	14.2
Carroll...........	9,723	4.1	2.1	.0	.0	.0	18.5	10.3	4.1
Chickasaw.........	17,983	10.0	.0	.0	.0	.0	40.0	7.8	12.2
Choctaw...........	8,938	2.2	.0	.0	.0	.0	38.0	13.4	6.7
Claiborne.........	12,285	4.9	4.9	.0	.0	.0	30.9	3.3	13.0
Clarke............	16,935	10.6	1.2	.0	.0	.0	44.9	4.7	4.7
Clay..............	21,537	5.6	1.9	.0	.0	.0	24.1	6.5	5.6
Coahoma...........	36,317	10.5	3.3	.0	.0	.0	20.4	9.4	19.8
Copiah............	26,373	5.3	1.5	.0	.0	.0	32.6	14.4	17.4
Covington.........	16,059	11.2	2.5	.0	.0	.0	33.6	10.0	3.7
De Soto...........	56,876	4.2	.7	.0	.0	.0	27.8	8.1	6.3
Forrest...........	67,339	10.4	.9	.3	.6	.3	24.4	14.3	9.2
Franklin..........	8,415	2.4	.0	2.4	.0	.0	57.0	16.6	16.6
George............	15,749	5.1	1.3	.0	1.3	.0	40.6	11.4	8.9
Greene............	9,658	8.3	.0	.0	.0	.0	41.4	10.4	4.1
Grenada...........	21,316	7.5	.0	.0	.0	.0	24.4	9.4	22.5
Hancock...........	27,293	16.1	1.5	.0	.0	.0	35.9	13.2	8.8
Harrison..........	164,182	11.0	3.4	.4	.4	1.0	22.9	14.6	8.9
Hinds.............	254,149	10.0	3.9	.3	.2	.1	19.8	11.0	18.3
Holmes............	23,218	6.9	.9	.9	.9	.0	37.9	9.5	15.5
Humphreys.........	13,954	.0	.0	1.4	1.4	.0	44.4	5.7	12.9
Issaquena.........	2,376	.0	.0	.0	.0	.0	25.3	25.3	16.8
Itawamba..........	20,511	10.7	.0	.0	.0	.0	35.1	11.7	6.8
Jackson...........	123,119	8.1	1.0	.3	.3	.0	21.0	8.0	7.3
Jasper............	17,420	4.6	1.1	.0	.0	.0	40.2	9.2	8.0
Jefferson.........	9,068	6.6	.0	.0	.0	.0	41.9	8.8	17.6
Jefferson Davis...	14,183	2.8	1.4	.0	.0	.0	40.9	8.5	12.7
Jones.............	62,830	14.0	2.2	.3	.0	.3	22.3	10.5	11.1
Kemper............	10,212	2.0	5.9	.0	.0	.0	41.1	5.9	19.6
Lafayette.........	31,120	5.8	1.9	.0	.0	.0	21.2	9.6	8.4
Lamar.............	25,362	5.5	.0	.0	.0	.0	28.4	8.7	3.9
Lauderdale........	77,674	12.1	2.8	.5	1.0	.0	29.4	12.6	17.3
Lawrence..........	12,781	4.7	.0	1.6	.0	.0	43.8	4.7	7.8
Leake.............	18,942	4.2	3.2	.0	.0	.0	40.1	15.8	13.7

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Sherburne	9.0	1.9	0.6	0.0	0.6	11.5	16.1	24.7	14	48	13	81
Sibley	5.2	1.3	2.6	.0	.0	9.1	13.5	18.1	3	82	6	86
Stearns	8.5	3.6	1.1	.2	.7	13.0	14.8	21.4	7	65	20	75
Steele	13.9	2.7	1.3	.0	.0	16.6	10.5	18.6	2	85	37	60
Stevens	11.0	7.3	3.7	.0	1.8	23.7	12.7	19.5	3	81	67	19
Swift	11.0	6.3	.0	.0	.0	15.7	14.0	22.2	7	66	32	64
Todd	7.9	7.1	3.2	.0	.0	17.3	16.3	22.3	10	58	40	54
Traverse	7.2	3.6	3.6	.0	3.6	14.5	16.3	19.5	6	67	26	71
Wabasha	10.3	3.1	4.1	.0	1.0	17.5	20.6	30.2	37	20	41	53
Wadena	11.3	5.7	1.4	.0	.0	18.4	15.1	24.1	11	56	46	45
Waseca	10.9	4.4	.0	.0	1.1	15.2	13.6	21.8	6	70	30	67
Washington	7.1	1.3	.0	.2	.0	8.6	11.6	17.8	2	84	5	87
Watonwan	11.4	8.1	1.6	.0	1.6	22.8	13.9	19.0	4	78	63	24
Wilkin	12.2	.0	.0	.0	.0	12.2	17.2	26.5	20	36	16	79
Winona	11.2	6.0	2.2	.4	.9	19.8	16.3	24.9	14	46	51	39
Wright	12.9	2.7	2.7	.0	.3	18.2	18.1	26.8	22	32	44	48
Yellow Medicine	10.5	6.0	3.0	1.5	.0	19.4	19.1	27.3	26	27	49	42
Mississippi	12.1	4.4	1.0	.4	.4	17.7	25.4	36.7	-	-	-	-
Adams	13.4	4.1	.5	2.1	.5	18.6	27.4	38.8	69	34	46	19
Alcorn	10.4	3.1	1.2	.0	.6	15.9	27.5	40.5	72	23	33	30
Amite	18.0	3.0	.0	.0	.0	19.5	35.3	51.8	91	2	50	14
Attala	13.3	1.0	1.0	1.0	1.0	17.4	24.1	36.1	58	56	40	24
Benton	9.5	2.4	.0	.0	.0	11.9	30.0	42.3	78	16	15	59
Bolivar	8.4	4.0	.9	.0	.0	12.3	28.0	39.1	71	30	17	55
Calhoun	6.4	2.6	1.3	.0	.0	10.3	29.6	41.7	77	18	9	69
Carroll	4.1	4.1	2.1	.0	.0	10.3	15.5	22.2	8	82	9	70
Chickasaw	14.5	1.1	.0	.0	.0	15.6	28.2	41.4	75	20	31	33
Choctaw	9.0	.0	.0	.0	.0	9.0	22.7	31.6	45	65	5	76
Claiborne	4.9	8.1	1.6	.0	.0	14.7	26.7	35.5	62	47	27	39
Clarke	15.4	5.9	.0	.0	.0	18.9	27.6	39.8	72	28	47	17
Clay	10.2	1.9	.0	.0	.0	12.1	18.2	25.9	21	78	16	58
Coahoma	15.4	6.6	.0	.0	.6	22.0	27.3	40.2	72	27	61	8
Copiah	8.3	5.3	.8	.0	.8	14.4	28.5	40.3	74	21	26	42
Covington	14.9	3.7	1.2	.0	.0	18.7	25.0	37.0	62	49	47	18
De Soto	7.4	1.8	.0	.0	.0	8.8	18.7	26.5	23	77	5	77
Forrest	14.0	4.5	1.2	.6	.9	19.9	23.7	36.0	57	57	52	12
Franklin	2.4	.0	2.4	.0	.0	4.8	38.5	51.7	93	1	0	80
George	8.9	3.8	.0	1.3	.0	14.0	28.2	38.8	71	31	24	45
Greene	12.4	.0	2.1	.0	.0	14.5	24.8	36.3	60	52	26	41
Grenada	11.3	.9	.0	.0	.0	12.2	25.8	37.9	65	43	16	56
Hancock	22.0	2.9	.7	.0	.0	24.2	29.9	46.3	83	8	68	4
Harrison	18.8	8.2	5.2	.4	1.9	33.7	26.3	38.8	67	38	88	1
Hinds	15.0	8.3	.6	.5	.2	23.7	27.7	40.2	72	24	67	6
Holmes	9.5	.9	2.6	1.7	.0	14.6	30.5	42.6	80	14	27	40
Humphreys	5.7	5.7	1.4	1.4	.0	14.3	28.7	36.8	68	36	25	43
Issaquena	.0	.0	.0	.0	.0	.0	23.6	33.5	52	62	...	...
Itawamba	15.6	1.0	.0	1.0	.0	17.6	24.7	37.5	63	46	41	23
Jackson	13.5	2.1	.6	.5	.2	16.2	18.8	28.1	27	74	34	28
Jasper	6.9	4.6	.0	1.1	.0	12.6	25.5	35.4	60	54	18	53
Jefferson	11.0	4.4	.0	.0	.0	15.4	30.4	43.1	80	12	31	34
Jefferson Davis	5.6	4.2	.0	.0	.0	9.9	27.4	37.0	66	41	8	72
Jones	19.4	3.5	.6	.3	2.2	25.1	25.3	39.0	66	42	71	3
Kemper	3.9	7.8	.0	.0	.0	11.8	34.3	44.2	85	4	14	60
Lafayette	10.3	5.8	.6	.6	1.3	16.7	19.1	27.6	27	76	37	25
Lamar	11.0	1.6	.8	.0	.0	13.4	17.8	26.0	20	80	21	49
Lauderdale	16.7	10.8	1.0	1.5	.5	28.8	32.3	47.1	86	3	80	2
Lawrence	6.3	1.6	1.6	.0	1.6	11.0	26.5	36.0	63	44	11	65
Leake	6.3	4.2	1.1	.0	.0	11.6	31.4	43.1	81	11	13	61

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Lee	58,578	8.5	0.3	0.0	0.3	0.0	26.3	10.6	13.0
Leflore	41,829	7.7	.5	.5	.0	.0	28.2	6.7	16.7
Lincoln	30,625	11.8	.7	.0	.0	.0	29.4	10.4	14.4
Lowndes	58,810	6.5	2.4	.0	.0	.0	24.8	7.8	7.8
Madison	44,455	6.3	1.3	.0	.4	.0	18.9	9.0	17.5
Marion	26,412	8.3	.8	.0	.0	.0	40.9	4.5	18.9
Marshall	31,041	3.9	3.9	.0	.0	.0	45.1	7.1	15.5
Monroe	36,731	3.8	2.2	.0	.5	.0	33.2	6.0	7.1
Montgomery	13,105	4.6	.0	.0	.0	.0	27.5	9.2	24.4
Neshoba	24,041	9.2	2.5	.0	.0	.0	33.3	13.3	10.8
Newton	20,073	8.0	.0	1.0	.0	.0	27.9	7.0	21.9
Noxubee	13,111	9.2	3.1	.0	.0	.0	13.7	.0	13.7
Oktibbeha	36,498	5.5	1.6	.5	.5	.0	18.1	8.2	8.2
Panola	28,654	6.3	4.9	.0	.7	.7	25.8	11.2	9.1
Pearl River	36,138	5.5	1.1	1.7	.0	.0	29.3	11.1	7.2
Perry	10,177	7.9	.0	.0	.0	.0	49.1	9.8	2.0
Pike	36,593	14.8	.0	.0	.0	.0	33.3	7.1	16.9
Pontotoc	21,488	2.8	.0	.0	.0	.0	39.1	12.1	8.4
Prentiss	24,473	4.9	2.5	.0	.0	.0	35.1	9.0	7.4
Quitman	11,974	3.3	.0	.0	.0	.0	28.4	5.0	15.0
Rankin	73,849	5.1	1.6	.5	.0	.0	26.3	9.5	6.8
Scott	25,026	4.0	3.2	.0	.0	.0	43.2	5.6	15.2
Sharkey	7,998	5.0	2.5	.0	.0	2.5	27.5	5.0	15.0
Simpson	23,867	6.7	3.4	.8	.0	.0	45.3	9.2	6.7
Smith	15,094	10.6	.0	.0	.0	.0	41.1	7.9	7.9
Stone	9,855	8.1	.0	.0	.0	.0	28.4	10.1	4.1
Sunflower	35,765	4.5	1.7	.0	.0	.0	22.4	6.7	14.5
Tallahatchie	16,735	9.6	3.6	.0	.0	.0	25.1	8.4	14.3
Tate	20,759	3.9	.0	1.0	1.0	.0	23.1	8.7	6.7
Tippah	18,819	3.2	.0	1.1	.0	.0	35.1	10.6	4.3
Tishomingo	18,243	2.2	.0	.0	.0	.0	55.9	8.8	15.3
Tunica	9,509	6.3	.0	.0	.0	.0	37.9	10.5	18.9
Union	21,791	7.3	.9	.0	.0	.0	31.2	17.4	5.5
Walthall	13,639	7.3	1.5	.0	.0	.0	36.7	8.8	7.3
Warren	51,489	8.2	2.3	.0	.4	.0	26.0	9.3	12.4
Washington	71,799	10.9	1.7	.6	.3	.0	22.8	7.2	14.2
Wayne	19,615	11.2	2.0	.0	.0	.0	41.8	7.1	4.1
Webster	10,419	7.7	1.9	.0	.0	.0	44.2	13.4	5.8
Wilkinson	10,229	7.8	.0	.0	.0	.0	33.2	11.7	15.6
Winston	19,287	5.2	.0	2.1	1.0	.0	42.5	11.4	15.6
Yalobusha	13,205	7.6	1.5	.0	.0	.0	12.1	10.6	16.7
Yazoo	27,357	8.8	1.5	.0	.0	.0	24.9	9.5	19.7
Missouri	4,963,519	8.9	1.3	.5	.1	.1	21.3	12.8	9.8
Adair	24,738	5.7	1.6	.0	.8	.0	16.2	10.5	.8
Andrew	14,415	4.2	.0	.0	.0	.0	38.8	13.9	.0
Atchison	8,525	.0	.0	.0	.0	.0	18.8	.0	2.3
Audrain	25,944	8.5	.8	.0	.0	.8	17.0	10.8	4.6
Barry	25,210	11.9	.8	.0	.0	.0	29.4	14.3	2.4
Barton	11,391	8.8	1.8	.0	.0	.0	29.8	19.3	1.8
Bates	15,705	11.5	.0	.0	.0	.0	33.1	14.0	8.9
Benton	12,133	19.8	1.6	.0	.0	.0	37.9	18.1	4.9
Bollinger	10,378	5.8	.0	.0	.0	.0	42.4	9.6	1.9
Boone	102,429	5.1	1.6	.6	.2	.0	15.0	13.5	2.9
Buchanan	86,916	7.4	.7	.2	.0	.0	16.6	14.7	5.1
Butler	38,141	13.6	.5	.5	.0	.0	26.2	7.3	5.8
Caldwell	8,402	7.1	.0	.0	.0	.0	33.3	30.9	.0
Callaway	32,237	7.4	1.9	.0	.0	.0	22.3	21.1	5.6
Camden	21,901	8.2	.9	.0	.0	.0	42.9	13.7	4.6

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Lee	13.7	0.7	0.0	0.3	0.0	14.7	23.4	34.9	54	58	27	38
Leflore	9.1	2.4	1.4	.0	.0	12.9	25.1	36.4	61	50	19	52
Lincoln	15.0	2.0	.0	.0	.0	16.3	26.7	40.5	71	29	35	27
Lowndes	9.9	5.4	.3	.3	.0	15.0	20.7	29.6	35	70	29	37
Madison	8.5	3.6	.0	.9	.0	11.2	22.4	32.4	46	64	12	63
Marion	9.1	3.0	.0	.0	.0	11.4	31.2	44.1	82	9	12	62
Marshall	5.8	3.9	.0	.0	.0	9.7	33.1	44.0	83	7	7	73
Monroe	6.0	4.9	.0	1.1	.0	10.3	22.8	30.7	43	66	9	68
Montgomery	6.1	3.1	.0	.0	.0	9.2	26.7	37.9	67	40	6	75
Neshoba	10.8	5.0	.0	.0	.0	15.8	28.0	40.7	74	22	32	31
Newton	10.0	2.0	1.0	.0	.0	11.0	27.7	40.0	72	25	11	64
Noxubee	9.2	3.1	.0	1.5	.0	13.7	19.0	27.8	27	75	23	47
Oktibbeha	8.2	4.4	1.6	.5	.5	14.2	18.1	25.8	20	79	25	44
Panola	9.8	13.3	.0	.7	.7	23.7	26.2	35.9	62	48	67	5
Pearl River	10.0	2.8	2.2	.0	.6	16.0	23.0	32.3	47	63	34	29
Perry	13.8	2.0	.0	.0	.0	15.7	26.7	38.4	68	37	32	32
Pike	20.8	3.3	.0	.5	.5	23.5	29.4	45.2	81	10	66	7
Pontotoc	3.7	.0	.9	.0	.0	4.7	23.9	33.2	52	61	0	81
Prentiss	8.2	4.1	.8	.0	.0	13.1	24.5	33.8	54	59	20	51
Quitman	6.7	.0	.0	.0	1.7	8.4	21.4	29.7	38	67	4	78
Rankin	8.9	3.0	.8	.3	.0	13.3	20.4	28.8	33	72	21	50
Scott	4.8	4.0	1.6	.0	.0	10.4	31.2	41.7	79	15	9	67
Sharkey	7.5	5.0	.0	.0	2.5	15.0	26.7	35.8	63	45	29	36
Simpson	10.9	4.2	.8	.0	.0	15.1	30.9	42.2	80	13	29	35
Smith	17.2	1.3	.0	.0	.0	18.5	26.9	39.9	71	32	46	20
Stone	10.1	2.0	.0	.0	.0	12.2	19.2	29.1	31	73	16	57
Sunflower	6.7	3.9	.0	.6	.0	10.1	21.1	29.6	37	68	8	71
Tallahatchie	12.0	4.8	1.2	.0	1.2	19.1	26.5	38.2	67	39	48	15
Tate	7.7	.0	3.9	1.9	.0	13.5	18.1	25.4	19	81	22	48
Tippah	5.3	1.1	2.1	.0	1.1	9.6	21.2	29.3	36	69	6	74
Tishomingo	5.5	.0	.0	.0	.0	5.5	33.3	44.8	85	5	1	79
Tunica	10.5	.0	.0	.0	.0	10.5	29.5	42.1	78	17	10	66
Union	9.2	2.8	.0	.0	1.8	13.8	23.1	34.4	53	60	23	46
Walthall	14.7	4.4	.0	.0	.0	17.6	25.1	35.8	60	53	42	22
Warren	12.4	4.7	1.2	.8	.0	19.0	24.7	35.7	58	55	48	16
Washington	15.9	5.0	1.4	.3	.0	20.6	24.7	36.7	61	51	55	11
Wayne	12.2	6.1	.0	.0	1.0	18.4	27.5	40.1	72	26	45	21
Webster	11.5	9.6	1.9	.0	.0	21.1	29.0	41.3	76	19	57	10
Wilkinson	13.7	5.9	.0	.0	.0	19.6	26.9	39.4	69	33	50	13
Winston	8.3	1.0	2.1	1.0	.0	12.4	32.7	44.7	84	6	17	54
Yalobusha	13.6	3.0	.0	.0	.0	16.7	19.7	29.7	33	71	37	26
Yazoo	16.1	3.7	.0	.7	.0	21.2	26.7	39.1	69	35	57	9
Missouri	13.6	3.1	3.6	.2	1.9	20.6	21.7	32.7	-	-	-	-
Adair	10.5	3.2	.0	.8	.0	13.7	14.0	20.8	5	111	23	59
Andrew	8.3	.0	.0	.0	.0	8.3	20.8	29.7	36	62	4	101
Atchison	4.7	.0	.0	.0	.0	4.7	9.0	11.4	0	115	0	115
Audrain	12.3	3.1	.0	.0	1.5	17.0	16.5	25.5	16	93	39	32
Barry	15.9	1.6	.8	.8	.0	19.0	22.0	34.5	50	34	48	20
Barton	10.5	10.5	.0	.0	.0	21.1	22.6	34.2	51	33	57	15
Bates	22.9	1.3	.0	.0	.0	24.2	25.6	39.3	67	13	68	8
Benton	21.4	3.3	.0	.0	.0	23.1	31.6	50.4	88	3	64	12
Bollinger	5.8	1.9	.0	1.9	.0	7.7	23.0	32.8	49	37	3	103
Boone	8.4	3.9	1.0	.4	.8	14.6	14.8	22.0	7	107	27	49
Buchanan	12.7	1.8	.7	.2	.0	15.4	16.2	25.4	15	96	31	42
Butler	18.9	3.1	1.0	.0	.0	23.1	21.8	34.3	50	35	64	13
Caldwell	7.1	.0	.0	.0	.0	7.1	23.1	35.9	56	29	2	109
Callaway	8.1	6.2	.0	.0	.0	13.6	21.1	32.1	43	47	22	61
Camden	12.8	5.5	.9	.0	.9	20.1	27.2	39.5	70	11	53	18

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Cape Girardeau....	59,268	4.7	0.3	0.0	0.0	0.0	16.2	10.5	3.0
Carroll...........	11,775	6.8	.0	1.7	.0	.0	30.6	10.2	3.4
Carter............	5,627	10.7	.0	.0	.0	.0	21.3	28.4	7.1
Cass..............	52,977	5.3	1.1	.4	.4	.0	30.2	14.0	4.5
Cedar.............	12,009	3.3	.0	.0	.0	1.7	23.3	20.0	3.3
Chariton..........	10,369	1.9	.0	.0	.0	.0	27.0	17.4	.0
Christian.........	23,665	6.8	1.7	.0	.0	.0	26.2	12.7	4.2
Clark.............	8,260	4.8	.0	.0	.0	.0	41.2	9.7	.0
Clay..............	139,432	6.9	.7	.4	.0	.0	21.7	13.9	2.9
Clinton...........	15,964	11.3	.0	.0	.0	.0	33.8	8.8	7.5
Cole..............	58,692	6.8	2.0	.7	.0	.0	19.4	12.6	5.5
Cooper............	14,731	4.1	2.7	.0	.0	.0	14.9	14.9	1.4
Crawford..........	18,569	11.8	.0	2.2	.0	.0	26.9	22.6	8.6
Dade..............	7,419	10.8	.0	.0	.0	.0	29.7	8.1	5.4
Dallas............	12,318	6.5	1.6	.0	.0	.0	47.1	14.6	6.5
Daviess...........	8,733	2.3	.0	.0	.0	.0	27.5	13.7	9.2
De Kalb...........	8,161	7.4	2.5	.0	.0	.0	19.6	9.8	4.9
Dent..............	14,588	5.5	.0	.0	.0	.0	34.3	16.5	2.7
Douglas...........	11,939	5.0	1.7	.0	.0	.0	36.9	11.7	6.7
Dunklin...........	36,065	10.0	.0	.0	1.1	.0	20.0	12.2	6.7
Franklin..........	73,560	5.7	.3	.0	.0	.0	32.9	10.3	3.3
Gasconade.........	13,284	12.0	1.5	.0	.0	.0	36.1	15.1	.0
Gentry............	7,828	5.1	.0	.0	.0	.0	33.2	10.2	.0
Greene............	189,368	6.8	.6	.4	.3	.1	19.7	12.8	5.4
Grundy............	11,677	8.6	1.7	.0	.0	.0	18.8	15.4	.0
Harrison..........	9,798	10.2	.0	.0	.0	.0	30.6	22.5	.0
Henry.............	19,615	7.1	.0	1.0	.0	.0	35.7	20.4	5.1
Hickory...........	6,617	12.1	3.0	.0	.0	.0	24.2	18.1	9.1
Holt..............	6,768	5.9	3.0	.0	.0	.0	17.7	20.7	3.0
Howard............	9,843	14.2	.0	2.0	.0	.0	28.4	8.1	.0
Howell............	29,425	10.9	.0	1.4	.0	.0	18.4	8.2	2.0
Iron..............	11,196	3.6	3.6	.0	.0	.0	25.0	16.1	5.4
Jackson...........	631,335	11.2	2.3	1.3	.1	.0	19.5	15.0	18.0
Jasper............	88,254	11.1	.2	.0	.2	.2	26.1	10.7	4.1
Jefferson.........	152,048	5.7	.1	.4	.1	.0	24.7	11.2	3.7
Johnson...........	38,393	5.7	1.0	.0	.0	.0	21.4	6.8	5.7
Knox..............	5,341	.0	.0	3.7	.0	.0	30.0	7.5	.0
Laclede...........	25,209	.8	1.6	.8	.0	.0	26.2	20.6	7.1
Lafayette.........	29,898	5.4	.7	.0	.0	.0	30.8	8.7	4.7
Lawrence..........	29,394	6.8	.7	.0	.0	.7	29.9	15.0	.7
Lewis.............	10,887	5.5	1.8	1.8	.0	.0	22.0	7.3	.0
Lincoln...........	23,121	6.1	.0	.0	.9	.0	40.7	7.8	6.1
Linn..............	15,399	7.8	1.3	1.3	.0	.0	20.8	10.4	2.6
Livingston........	15,548	2.6	.0	.0	.0	.0	25.7	20.6	3.9
McDonald..........	15,293	7.8	.0	.0	1.3	.0	39.2	15.7	3.9
Macon.............	16,416	2.4	.0	.0	1.2	.0	21.9	18.3	.0
Madison...........	10,840	9.2	.0	.0	.0	.0	29.5	12.9	3.7
Maries............	7,743	5.2	.0	5.2	.0	.0	25.8	25.8	5.2
Marion............	28,713	9.1	1.4	.0	.0	.0	20.9	9.8	.0
Mercer............	4,536	8.8	4.4	.0	.0	.0	22.0	22.0	.0
Miller............	19,407	8.2	2.1	.0	.0	.0	28.9	18.6	7.2
Mississippi.......	15,810	6.3	1.3	.0	.0	.0	30.4	15.2	8.9
Moniteau..........	12,374	6.5	.0	.0	.0	.0	21.0	6.5	4.8
Monroe............	9,620	8.3	.0	.0	.0	.0	22.9	27.0	6.2
Montgomery........	11,472	12.2	3.5	.0	.0	.0	33.1	20.9	1.7
Morgan............	14,519	6.9	5.5	.0	.0	.0	20.7	6.9	5.5
New Madrid........	22,688	6.2	1.8	.0	.0	.0	34.4	7.1	8.8
Newton............	41,396	8.2	.0	.0	.0	.0	35.3	9.7	2.4
Nodaway...........	21,850	5.5	.0	.0	.0	.0	32.0	8.2	.9
Oregon............	10,114	21.8	7.9	.0	.0	.0	37.6	9.9	4.0

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Cape Girardeau	7.1	1.0	1.0	0.0	0.3	9.4	12.6	19.2	3	113	6	94
Carroll	6.8	3.4	1.7	.0	1.7	11.9	21.0	30.3	38	59	15	75
Carter	10.7	.0	.0	.0	.0	10.7	22.4	36.5	56	30	10	85
Cass	9.1	1.9	1.5	.4	.8	13.2	21.7	31.0	41	53	20	64
Cedar	10.0	.0	.0	.0	1.7	11.7	18.4	26.7	23	83	14	79
Chariton	1.9	3.9	.0	.0	.0	5.8	15.6	22.6	9	104	1	112
Christian	9.3	2.5	.0	.0	.0	11.8	20.0	29.4	33	67	14	76
Clark	9.7	.0	.0	.0	.0	9.7	21.2	30.0	38	60	7	93
Clay	9.9	2.9	1.1	.0	.0	13.9	17.2	26.2	19	91	23	58
Clinton	13.8	2.5	1.3	.0	.0	17.5	24.1	36.7	60	22	41	29
Cole	9.5	4.4	.7	.0	.3	14.7	18.8	27.6	26	78	27	48
Cooper	8.1	4.1	.0	.0	.0	12.2	14.3	20.9	6	110	16	72
Crawford	17.2	1.1	7.5	.0	.0	25.8	26.9	41.6	73	9	73	6
Dade	10.8	.0	.0	.0	.0	10.8	21.0	32.4	43	46	11	84
Dallas	6.5	4.9	.0	.0	1.6	13.0	30.0	42.3	78	6	19	66
Daviess	9.2	.0	.0	.0	.0	9.2	19.5	27.7	28	76	6	96
De Kalb	12.3	2.5	.0	.0	.0	14.7	18.0	26.6	22	85	27	47
Dent	9.6	1.4	1.4	.0	1.4	12.3	21.2	31.2	41	54	17	71
Douglas	5.0	1.7	.0	.0	.0	8.4	24.7	34.6	56	26	4	100
Dunklin	13.9	3.9	.0	1.1	.0	17.7	19.2	29.9	32	68	42	25
Franklin	9.0	1.6	3.0	.0	1.9	14.1	20.0	29.0	32	69	24	56
Gasconade	15.1	1.5	.0	.0	1.5	18.1	24.6	37.7	63	19	44	24
Gentry	7.7	.0	.0	.0	.0	7.7	18.1	26.2	21	87	3	104
Greene	9.3	2.4	.6	.3	.3	12.7	17.6	26.5	21	88	18	67
Grundy	10.3	1.7	.0	.0	.0	12.0	16.2	25.5	16	95	15	73
Harrison	18.4	2.0	.0	.0	.0	20.4	21.5	34.2	49	38	54	17
Henry	11.2	5.1	1.0	.0	.0	17.3	25.4	37.5	64	17	40	30
Hickory	15.1	3.0	.0	.0	.0	18.1	26.0	39.8	69	12	44	23
Holt	5.9	3.0	.0	.0	.0	8.9	18.3	27.5	25	81	5	98
Howard	16.3	.0	2.0	.0	.0	18.3	21.4	33.6	47	41	45	22
Howell	11.6	1.4	1.4	.0	.0	14.3	16.1	25.7	16	94	25	55
Iron	8.9	3.6	1.8	.0	.0	14.3	21.3	29.6	37	61	25	54
Jackson	16.3	4.5	4.2	.2	.4	25.5	27.9	41.7	75	7	72	7
Jasper	15.0	1.6	.2	.2	.2	16.8	20.2	31.6	40	57	37	34
Jefferson	8.9	1.1	3.7	.1	2.0	13.7	17.3	25.6	18	92	22	60
Johnson	8.3	2.1	.0	.0	.0	10.4	16.4	24.0	13	100	9	87
Knox	.0	3.7	3.7	.0	.0	7.5	17.8	22.4	12	101	3	105
Laclede	2.4	3.2	1.6	.0	.0	7.1	21.2	29.2	36	63	2	110
Lafayette	8.0	2.7	.7	.0	.0	11.4	19.7	28.3	30	73	12	81
Lawrence	11.6	2.7	.7	.0	.7	15.0	20.0	29.7	34	66	29	44
Lewis	12.9	1.8	1.8	.0	.0	16.5	16.7	23.3	12	102	36	36
Lincoln	12.1	.0	1.7	.9	1.7	15.6	24.8	34.9	57	25	31	41
Linn	24.7	5.2	1.3	.0	.0	29.9	17.8	26.5	21	86	82	4
Livingston	9.0	.0	.0	.0	.0	9.0	17.8	26.2	20	89	5	97
McDonald	10.5	1.3	.0	1.3	.0	11.8	26.0	37.9	65	16	14	77
Macon	4.9	1.2	.0	1.2	.0	7.3	15.1	21.9	8	106	3	107
Madison	12.9	1.8	.0	.0	.0	14.8	20.5	31.6	40	56	28	46
Maries	5.2	.0	5.2	.0	.0	10.3	25.7	36.6	63	18	9	88
Marion	11.1	1.4	.7	1.4	.0	14.6	15.8	24.7	13	99	27	50
Mercer	13.2	4.4	.0	.0	.0	17.6	21.7	32.6	45	45	42	27
Miller	12.4	2.1	.0	1.0	.0	14.4	24.7	36.7	61	21	26	51
Mississippi	8.9	2.5	.0	1.3	2.5	15.2	23.8	34.6	55	31	30	43
Moniteau	8.1	1.6	.0	.0	.0	9.7	15.0	22.8	9	105	7	92
Monroe	10.4	2.1	.0	.0	.0	12.5	21.4	34.0	48	40	17	70
Montgomery	15.7	3.5	1.7	.0	.0	20.9	27.4	41.5	74	8	56	16
Morgan	11.0	12.4	.0	.0	.0	23.4	21.0	29.1	35	64	66	10
New Madrid	15.0	3.5	.0	.0	.9	18.5	24.3	34.1	54	32	46	21
Newton	9.7	1.9	.0	.0	.5	11.6	21.2	31.6	42	51	13	80
Nodaway	9.2	1.8	.9	.0	.0	11.9	17.8	25.8	20	90	15	74
Oregon	27.7	7.9	.0	.0	.0	35.6	36.4	54.7	93	1	90	1

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Osage	12,086	9.9	1.7	0.0	0.0	0.0	29.8	8.3	1.7
Ozark	8,348	4.8	.0	.0	.0	2.4	47.9	26.4	12.0
Pemiscot	24,578	13.0	1.6	.0	.0	.0	37.4	13.0	16.3
Perry	16,850	2.4	.0	.0	.0	.0	20.2	11.9	5.9
Pettis	36,196	8.8	.6	.0	.6	.0	21.0	11.6	5.0
Phelps	34,203	6.4	.0	.0	.0	.0	23.4	11.7	3.5
Pike	17,228	7.0	3.5	.0	.0	.0	18.6	19.7	7.0
Platte	48,089	7.5	.4	.0	.0	.0	19.5	12.9	2.1
Polk	19,479	4.1	.0	.0	.0	.0	32.9	15.4	2.1
Pulaski	42,919	6.1	.0	.5	.0	.0	20.0	7.9	3.3
Putnam	5,958	6.7	.0	.0	.0	.0	36.9	6.7	.0
Ralls	8,843	4.5	2.3	.0	.0	.0	22.6	4.5	.0
Randolph	25,632	6.2	1.6	.0	.8	.0	20.3	18.7	4.7
Ray	21,456	3.7	.0	.0	.0	.0	32.6	12.1	1.9
Reynolds	7,129	.0	.0	.0	.0	.0	44.9	11.2	.0
Ripley	12,573	6.4	3.2	.0	.0	.0	30.2	27.0	8.0
St. Charles	155,805	3.6	.6	.1	.0	.0	16.4	9.8	3.5
St. Clair	8,517	2.3	.0	.0	.0	.0	42.3	11.7	9.4
Ste. Genevieve	15,276	9.2	.0	.0	.0	.0	38.0	10.5	1.3
St. Francois	42,879	8.9	.0	.0	.0	.0	30.8	13.1	3.7
St. Louis	981,605	12.7	1.6	.6	.2	.3	16.8	13.5	16.7
Saline	24,813	6.4	.0	.8	.0	.0	19.3	11.3	9.7
Schuyler	4,803	12.5	.0	.0	.0	.0	25.0	8.3	.0
Scotland	5,351	3.7	.0	.0	.0	.0	63.5	18.7	.0
Scott	39,786	10.1	2.5	.5	.0	.5	20.1	9.0	4.5
Shannon	7,951	5.0	2.5	.0	.0	.0	32.7	7.5	5.0
Shelby	7,677	7.8	.0	.0	.0	.0	39.1	7.8	.0
Stoddard	28,677	12.6	.0	.0	.0	.0	30.0	9.1	4.2
Stone	16,388	12.2	.0	.0	.0	.0	28.1	9.8	3.7
Sullivan	7,255	8.3	8.3	.0	.0	.0	22.1	16.5	5.5
Taney	22,122	9.9	.9	.0	.0	.0	32.5	15.4	4.5
Texas	21,307	6.6	.0	.0	.0	.0	37.5	10.3	3.8
Vernon	19,672	7.1	.0	.0	.0	.0	27.5	17.3	8.1
Warren	15,930	5.0	1.3	.0	.0	.0	26.4	7.5	7.5
Washington	18,252	6.6	.0	.0	.0	.0	31.8	7.7	14.2
Wayne	11,549	5.2	1.7	.0	.0	1.7	38.1	13.9	3.5
Webster	21,151	4.7	2.8	.0	.0	.0	23.6	10.4	.9
Worth	2,971	6.7	.0	.0	.0	.0	40.4	20.2	.0
Wright	16,319	2.5	.0	.0	.0	.0	28.2	13.5	8.6
St. Louis City	440,270	9.9	2.0	.9	.2	.0	8.4	9.1	19.6
Montana	808,381	10.6	2.7	.5	.3	.2	32.9	16.1	4.8
Beaverhead	8,354	14.4	4.8	2.4	2.4	.0	28.7	12.0	2.4
Big Horn	11,325	17.7	10.6	3.5	1.8	.0	70.6	17.7	12.4
Blaine	7,076	28.3	.0	.0	.0	.0	50.9	17.0	14.1
Broadwater	3,375	5.9	.0	.0	.0	.0	35.6	17.8	5.9
Carbon	8,449	7.1	4.7	.0	.0	.0	26.0	18.9	2.4
Carter	1,772	.0	.0	.0	.0	11.3	33.9	.0	.0
Cascade	81,725	11.0	.7	.7	.2	.2	26.7	14.7	4.9
Chouteau	6,132	6.5	.0	.0	.0	.0	9.8	16.3	.0
Custer	13,346	10.5	6.0	.0	.0	.0	27.0	12.0	1.5
Daniels	2,806	7.1	7.1	.0	.0	.0	42.8	14.3	.0
Dawson	12,062	5.0	.0	.0	.0	.0	23.2	5.0	1.7
Deer Lodge	11,807	27.1	5.1	.0	3.4	.0	22.0	23.7	8.5
Fallon	3,789	.0	.0	.0	.0	.0	26.4	15.8	.0
Fergus	12,926	6.2	6.2	1.5	.0	.0	40.2	13.9	.0
Flathead	53,879	9.7	1.1	.0	.0	.0	37.1	17.4	2.6
Gallatin	45,011	6.2	.9	.4	.0	.0	18.7	8.9	1.8
Garfield	1,701	.0	.0	.0	.0	.0	70.5	.0	11.8

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Osage	16.5	1.7	0.0	0.0	0.0	16.5	20.7	31.0	39	58	36	35
Ozark	7.2	2.4	2.4	.0	2.4	14.4	35.4	49.8	90	2	25	52
Pemiscot	21.2	7.3	.0	.0	.0	28.5	32.9	49.1	88	4	79	5
Perry	4.7	.0	.0	.0	.0	4.7	14.6	21.1	6	109	0	114
Pettis	12.2	1.7	1.1	.6	.0	14.9	18.2	28.1	26	79	28	45
Phelps	9.4	.6	1.2	.0	1.2	11.7	16.4	25.1	15	98	14	78
Pike	10.4	3.5	.0	.0	.0	13.9	21.4	31.7	42	48	23	57
Platte	10.8	2.1	.4	.0	.0	13.3	15.3	24.0	11	103	21	63
Polk	6.2	1.0	.0	.0	.0	7.2	19.5	28.3	30	74	2	108
Pulaski	7.5	1.9	.5	.0	.0	9.8	14.5	21.9	7	108	7	91
Putnam	23.5	.0	.0	.0	.0	23.5	19.6	28.4	30	72	66	9
Ralls	4.5	2.3	.0	.0	.0	6.8	14.5	20.2	5	112	2	111
Randolph	7.0	3.9	.0	.8	.0	10.1	19.4	28.9	31	71	8	90
Ray	5.6	.9	.9	.0	.0	7.5	18.5	26.5	23	84	3	106
Reynolds	.0	2.8	2.8	.0	5.6	8.4	21.1	27.9	32	70	4	99
Ripley	9.5	6.4	.0	.0	.0	14.3	27.6	40.3	72	10	25	53
St. Charles	5.6	1.3	1.0	.0	.4	8.0	12.7	18.7	3	114	4	102
St. Clair	14.1	2.3	.0	.0	.0	16.4	25.5	35.0	59	23	36	37
Ste. Genevieve	15.7	.0	1.3	.0	1.3	17.0	22.4	33.5	49	36	39	31
St. Francois	14.0	.9	.9	.0	1.4	16.8	20.9	32.0	42	50	37	33
St. Louis	20.4	4.2	7.9	.3	4.8	33.0	25.5	39.3	67	14	87	2
Saline	12.9	3.2	.8	.0	.0	17.7	18.4	27.5	25	80	42	26
Schuyler	12.5	.0	.0	.0	.0	12.5	17.3	28.2	24	82	18	69
Scotland	3.7	.0	3.7	.0	3.7	11.2	32.0	44.1	83	5	12	83
Scott	14.1	4.0	4.0	.0	3.5	23.1	20.0	30.0	35	65	64	11
Shannon	15.1	2.5	.0	.0	.0	17.6	22.2	30.6	42	52	42	28
Shelby	10.4	.0	.0	.0	.0	10.4	21.2	31.0	40	55	9	86
Stoddard	14.6	1.4	.7	.0	.0	16.0	21.5	33.9	48	39	34	38
Stone	15.9	1.2	.0	.0	.0	15.9	20.5	32.4	42	49	33	39
Sullivan	13.8	8.3	.0	.0	.0	22.1	26.8	37.5	66	15	61	14
Taney	14.5	3.6	.9	.0	.9	19.9	23.8	36.2	58	24	52	19
Texas	8.4	.9	.0	.0	.0	9.4	22.3	32.4	46	42	6	95
Vernon	10.2	.0	.0	.0	.0	10.2	21.7	32.9	46	43	9	89
Warren	7.5	1.3	3.8	.0	.0	12.6	19.4	27.6	27	77	18	68
Washington	12.1	.0	.0	.0	1.1	13.1	24.3	35.0	56	27	20	65
Wayne	8.7	3.5	.0	.0	3.5	15.6	26.0	35.9	62	20	31	40
Webster	6.6	5.7	.0	.0	.0	11.3	17.2	24.3	15	97	12	82
Worth	6.7	6.7	.0	.0	.0	13.5	23.8	35.3	56	28	21	62
Wright	4.9	.0	.0	.0	.0	4.9	19.6	27.7	28	75	0	113
St. Louis City	15.2	3.3	11.0	.3	6.3	30.2	21.7	32.8	45	44	83	3
Montana	15.9	7.3	1.2	.4	1.4	25.0	27.4	40.3	-	-	-	-
Beaverhead	26.3	19.2	4.8	2.4	.0	47.9	31.1	44.4	82	24	97	7
Big Horn	33.6	30.0	3.5	1.8	3.5	63.6	62.1	84.6	99	4	99	3
Blaine	28.3	8.5	.0	.0	.0	33.9	43.0	69.1	97	7	88	13
Broadwater	11.9	.0	.0	.0	5.9	17.8	23.7	34.8	55	36	42	38
Carbon	7.1	7.1	.0	.0	.0	14.2	23.5	33.8	52	40	25	43
Carter	.0	.0	.0	.0	11.3	11.3	25.5	29.2	46	42	12	48
Cascade	18.8	8.1	2.0	.2	5.9	32.5	22.9	35.1	54	38	86	15
Chouteau	13.0	.0	3.3	.0	3.3	19.6	10.0	17.4	1	54	50	30
Custer	16.5	15.0	.0	.0	.0	30.0	24.7	35.7	59	34	83	18
Daniels	7.1	21.4	.0	.0	7.1	28.5	30.9	41.8	79	25	79	20
Dawson	6.6	3.3	1.7	.0	.0	11.6	13.6	19.9	4	53	13	47
Deer Lodge	33.9	15.2	.0	3.4	1.7	49.1	37.6	60.1	95	11	97	6
Fallon	.0	5.3	.0	.0	.0	5.3	14.3	19.8	4	52	1	54
Fergus	10.8	13.9	1.5	.0	.0	26.3	30.0	40.1	76	26	74	23
Flathead	15.2	4.1	.0	.4	.0	19.3	25.4	38.1	65	32	49	31
Gallatin	7.1	3.1	.4	.0	.0	10.2	14.3	21.6	6	51	9	50
Garfield	.0	.0	11.8	.0	.0	11.8	35.2	44.9	86	19	14	46

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Glacier	11,012	29.1	16.3	0.0	3.6	0.0	109.0	40.0	25.4
Golden Valley	1,072	18.7	.0	.0	.0	.0	93.3	37.3	18.7
Granite	2,719	22.1	.0	.0	.0	.0	44.1	22.1	.0
Hill	18,287	10.9	1.1	.0	.0	1.1	29.5	16.4	6.6
Jefferson	7,597	.0	.0	.0	.0	.0	47.4	10.5	2.6
Judith Basin	2,688	14.9	.0	.0	.0	.0	29.8	14.9	.0
Lake	19,694	8.1	1.0	1.0	.0	3.0	48.7	13.2	7.1
Lewis And Clark	44,412	8.6	1.4	.5	.0	.0	32.0	22.1	1.8
Liberty	2,438	24.6	.0	8.2	.0	8.2	41.0	.0	.0
Lincoln	18,281	7.7	.0	.0	.0	.0	23.0	19.7	5.5
McCone	2,676	.0	.0	.0	.0	.0	52.3	7.5	.0
Madison	5,700	14.0	3.5	.0	.0	.0	77.2	31.6	3.5
Meagher	2,239	.0	8.9	8.9	.0	.0	62.5	8.9	.0
Mineral	3,654	21.9	5.5	.0	.0	.0	54.7	10.9	5.5
Missoula	75,790	9.2	2.9	.0	.0	.0	28.5	14.5	6.3
Musselshell	4,669	12.9	.0	.0	.0	.0	47.1	25.7	4.3
Park	13,023	9.2	3.1	.0	.0	1.5	29.2	13.8	.0
Petroleum	666	.0	.0	.0	.0	.0	.0	.0	.0
Phillips	5,527	10.9	3.6	.0	.0	.0	43.4	32.6	3.6
Pondera	6,880	14.5	2.9	.0	.0	.0	32.0	11.6	5.8
Powder River	2,493	.0	.0	.0	.0	.0	40.1	40.1	8.0
Powell	6,932	14.4	.0	.0	.0	.0	46.2	28.9	2.9
Prairie	1,858	10.8	.0	.0	.0	.0	10.8	.0	.0
Ravalli	23,485	2.6	.0	.0	.0	.0	28.1	15.3	5.1
Richland	13,438	1.5	1.5	.0	.0	.0	41.7	11.9	1.5
Roosevelt	11,124	43.2	12.6	.0	1.8	.0	46.7	7.2	21.6
Rosebud	11,898	23.5	8.4	1.7	1.7	.0	48.7	16.8	16.8
Sanders	9,008	8.9	6.7	2.2	.0	.0	48.8	24.4	2.2
Sheridan	5,732	10.5	3.5	.0	.0	3.5	31.4	3.5	3.5
Silver Bow	36,616	14.2	5.5	.5	.5	.0	28.4	16.4	7.6
Stillwater	5,894	6.8	.0	.0	.0	.0	47.5	17.0	.0
Sweet Grass	3,287	18.3	.0	.0	6.1	.0	24.3	30.4	.0
Teton	6,610	9.1	.0	.0	.0	.0	18.2	12.1	3.0
Toole	5,687	17.6	3.5	.0	.0	.0	35.2	24.6	7.0
Treasure	1,031	.0	.0	.0	.0	.0	19.4	19.4	19.4
Valley	10,055	4.0	2.0	.0	.0	.0	29.8	11.9	2.0
Wheatland	2,306	17.3	.0	8.7	.0	.0	26.0	17.3	.0
Wibaux	1,501	.0	13.3	.0	.0	.0	40.0	26.6	.0
Yellowstone	114,593	9.4	3.3	.5	.0	.0	25.8	16.4	3.7
Yellowstone National Park	271	.0	.0	.0	.0	.0	.0	.0	.0
Nebraska	1,588,884	7.7	1.3	.3	.2	.1	19.9	10.2	3.4
Adams	31,028	7.1	3.9	.0	.6	.0	12.2	16.1	.0
Antelope	8,725	4.6	2.3	.0	.0	.0	20.6	9.2	2.3
Arthur	521	.0	.0	.0	.0	.0	153.4	.0	.0
Banner	996	.0	.0	.0	.0	.0	20.1	.0	.0
Blaine	783	.0	.0	.0	.0	.0	153.2	.0	.0
Boone	7,371	2.7	.0	.0	.0	.0	21.7	2.7	.0
Box Butte	13,982	8.6	2.9	2.9	.0	.0	14.3	12.9	.0
Boyd	3,304	.0	.0	.0	.0	.0	36.3	18.2	.0
Brown	4,299	14.0	4.7	.0	.0	.0	27.9	23.3	.0
Buffalo	36,284	3.9	1.1	.0	.0	.0	18.2	8.8	3.3
Burt	8,681	9.2	2.3	.0	.0	.0	41.5	11.5	.0
Butler	9,207	4.3	2.2	.0	.0	.0	34.8	8.7	2.2
Cass	20,993	4.8	.0	.0	.0	.0	20.0	5.7	2.9
Cedar	11,170	3.6	.0	.0	.0	.0	25.1	14.3	1.8
Chase	4,786	12.5	.0	.0	.0	.0	29.3	12.5	.0
Cherry	6,878	11.6	5.8	.0	.0	.0	23.3	14.5	.0

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Glacier	43.6	45.4	0.0	3.6	3.6	92.6	97.6	136.4	99	1	99	2
Golden Valley	18.7	.0	.0	.0	.0	18.7	63.0	92.9	99	3	47	33
Granite	29.4	.0	.0	.0	.0	29.4	32.0	52.5	90	15	82	19
Hill	16.4	4.4	.0	1.1	1.1	19.7	25.4	38.5	65	30	51	29
Jefferson	2.6	.0	.0	2.6	.0	5.3	23.2	30.7	44	44	1	55
Judith Basin	14.9	.0	.0	.0	.0	14.9	21.6	35.4	52	41	28	42
Lake	10.2	2.0	3.0	.0	3.0	19.3	34.9	48.1	89	17	49	32
Lewis And Clark	15.8	5.4	.5	.0	.5	21.6	24.0	36.2	58	35	59	27
Liberty	32.8	.0	8.2	.0	8.2	49.2	43.7	61.5	97	8	98	5
Lincoln	15.3	7.7	.0	.0	.0	23.0	19.3	30.2	33	47	64	26
McCone	.0	7.5	7.5	.0	.0	14.9	23.5	30.5	44	43	29	41
Madison	21.1	7.0	3.5	.0	3.5	28.1	49.6	71.7	98	6	79	21
Meagher	.0	8.9	8.9	.0	.0	17.9	45.9	54.3	96	10	43	37
Mineral	27.4	16.4	.0	.0	.0	38.3	42.2	62.8	97	9	93	10
Missoula	13.5	3.7	.5	.0	.3	17.9	24.5	36.2	59	33	43	36
Musselshell	12.9	4.3	.0	.0	.0	17.1	32.2	49.4	88	18	39	39
Park	18.4	10.7	.0	.0	1.5	27.6	23.4	33.9	52	39	78	22
Petroleum	.0	.0	.0	.0	.0	.0	.0	.0	...	...	...	...
Phillips	18.1	3.6	.0	.0	3.6	25.3	34.5	51.3	90	14	71	25
Pondera	20.3	8.7	2.9	.0	5.8	34.9	27.4	41.7	74	28	90	12
Powder River	.0	.0	.0	.0	8.0	8.0	28.6	41.2	76	27	4	51
Powell	17.3	14.4	.0	.0	.0	31.7	32.4	50.7	89	16	85	16
Prairie	10.8	.0	.0	.0	.0	10.8	8.9	15.9	0	55	11	49
Ravalli	4.3	1.7	.9	.0	.9	7.7	18.3	26.3	22	49	3	52
Richland	4.5	1.5	.0	.0	.0	6.0	22.7	30.3	42	45	1	53
Roosevelt	70.1	25.2	1.8	1.8	.0	93.5	63.3	96.6	99	2	99	1
Rosebud	38.7	16.8	3.4	3.4	.0	58.8	53.2	76.9	98	5	99	4
Sanders	8.9	8.9	2.2	.0	.0	20.0	39.0	53.7	94	12	52	28
Sheridan	14.0	3.5	3.5	.0	10.5	31.4	26.8	37.1	65	31	85	17
Silver Bow	21.8	10.9	.5	.5	.5	32.8	31.2	46.1	84	22	87	14
Stillwater	6.8	6.8	3.4	.0	.0	17.0	26.1	37.9	65	29	39	40
Sweet Grass	18.3	6.1	6.1	6.1	.0	36.5	29.9	47.6	84	21	91	11
Teton	9.1	3.0	6.1	.0	.0	18.2	15.2	24.7	12	50	44	35
Toole	28.1	7.0	7.0	.0	.0	42.2	33.7	52.5	91	13	95	8
Treasure	19.4	.0	.0	.0	19.4	38.8	21.1	29.9	38	46	93	9
Valley	8.0	6.0	.0	.0	.0	13.9	19.5	27.3	27	48	23	44
Wheatland	17.3	.0	8.7	.0	.0	26.0	30.2	45.4	82	23	73	24
Wibaux	.0	13.3	.0	.0	.0	13.3	35.4	44.4	86	20	21	45
Yellowstone	12.4	4.9	1.2	.0	.7	18.3	23.6	34.9	55	37	45	34
Yellowstone National Park	.0	.0	.0	.0	.0	.0	.0	.0	...	...	...	...
Nebraska	11.5	4.1	1.0	.2	.5	16.7	17.0	25.6	-	-	-	-
Adams	11.0	9.0	.6	.6	.6	21.3	15.8	23.7	11	55	58	23
Antelope	4.6	2.3	4.6	.0	.0	11.5	15.7	22.4	9	61	13	60
Arthur	.0	.0	.0	.0	.0	.0	64.4	81.3	99	1	...	...
Banner	.0	.0	.0	.0	.0	.0	8.4	10.6	0	90	...	...
Blaine	.0	.0	.0	.0	.0	.0	64.4	81.2	99	2	...	...
Boone	5.4	2.7	.0	.0	.0	8.1	10.8	15.1	1	84	4	71
Box Butte	17.2	7.2	2.9	.0	.0	27.2	17.8	26.2	21	46	77	10
Boyd	12.1	.0	.0	.0	.0	12.1	18.9	26.0	22	43	16	57
Brown	18.6	4.7	.0	.0	.0	23.3	26.8	41.3	73	11	65	18
Buffalo	7.2	6.1	.6	.0	.0	13.8	13.6	19.8	4	70	23	50
Burt	13.8	6.9	.0	.0	.0	20.7	25.8	37.3	64	17	55	26
Butler	8.7	10.9	2.2	.0	.0	21.7	21.3	29.3	36	36	60	20
Cass	6.7	1.0	.0	.0	.0	7.6	12.8	19.1	3	76	3	75
Cedar	7.2	1.8	1.8	.0	3.6	14.3	15.7	23.1	10	60	25	47
Chase	12.5	4.2	4.2	.0	.0	20.9	19.9	32.1	40	33	56	24
Cherry	17.4	11.6	.0	.0	.0	29.1	23.3	34.6	53	23	81	8

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Cheyenne	10,079	11.9	4.0	0.0	0.0	0.0	31.7	17.9	0.0
Clay	7,975	5.0	5.0	.0	.0	.0	17.6	5.0	2.5
Colfax	9,784	6.1	.0	.0	.0	.0	28.6	6.1	.0
Cuming	11,501	10.4	1.7	.0	.0	.0	19.1	8.7	.0
Custer	13,883	5.8	.0	1.4	.0	.0	20.2	7.2	.0
Dakota	17,001	5.9	1.2	.0	.0	.0	24.7	14.1	2.4
Dawes	9,502	6.3	6.3	.0	.0	.0	25.3	10.5	2.1
Dawson	22,146	3.6	.0	.0	.0	.0	19.0	11.7	1.8
Deuel	2,429	8.2	8.2	.0	.0	.0	32.9	24.7	8.2
Dixon	7,074	.0	2.8	.0	.0	.0	28.3	8.5	.0
Dodge	35,565	4.5	.6	.0	.6	.0	21.4	6.7	.6
Douglas	405,044	11.3	1.0	.2	.1	.0	15.1	8.8	7.9
Dundy	2,863	.0	.0	.0	.0	.0	7.0	27.9	.0
Fillmore	7,815	10.2	2.6	.0	.0	.0	40.9	12.8	.0
Franklin	4,341	13.8	.0	.0	.0	.0	46.1	23.0	.0
Frontier	3,679	5.4	.0	.0	.0	.0	10.9	5.4	5.4
Furnas	6,465	3.1	.0	.0	.0	.0	21.7	21.7	.0
Gage	24,432	6.5	4.1	.0	.0	.0	28.7	7.4	3.3
Garden	2,766	.0	.0	.0	.0	.0	28.9	21.7	.0
Garfield	2,346	8.5	8.5	.0	.0	.0	25.6	34.1	.0
Gosper	2,169	9.2	.0	.0	.0	.0	46.1	18.4	.0
Grant	887	.0	.0	.0	.0	.0	45.1	.0	.0
Greeley	3,419	5.8	11.7	.0	5.8	.0	29.3	.0	.0
Hall	48,741	6.6	.4	.4	.4	.0	19.7	15.2	3.3
Hamilton	9,254	2.2	.0	.0	.0	.0	28.1	4.3	2.2
Harlan	4,285	4.7	.0	.0	.0	.0	9.3	18.7	9.3
Hayes	1,326	.0	.0	.0	.0	.0	45.2	.0	.0
Hitchcock	4,047	9.9	.0	.0	.0	.0	34.6	9.9	.0
Holt	13,716	4.4	.0	.0	.0	.0	33.5	5.8	2.9
Hooker	1,017	19.7	.0	.0	.0	.0	.0	59.0	.0
Howard	6,721	3.0	.0	.0	.0	.0	29.8	23.8	8.9
Jefferson	9,665	6.2	2.1	4.1	.0	.0	33.1	14.5	.0
Johnson	5,203	15.4	.0	.0	.0	.0	42.3	19.2	.0
Kearney	6,912	14.5	.0	.0	2.9	.0	14.5	14.5	.0
Keith	9,237	13.0	2.2	.0	4.3	.0	30.3	28.1	2.2
Keya Paha	1,263	.0	.0	.0	.0	.0	47.5	31.7	.0
Kimball	4,895	12.3	.0	.0	.0	.0	40.9	4.1	.0
Knox	11,305	12.4	.0	.0	.0	.0	28.3	8.8	1.8
Lancaster	198,331	5.8	1.2	.4	.0	.3	12.2	9.9	2.2
Lincoln	35,208	9.1	2.8	.6	.0	.0	21.0	11.4	2.8
Logan	988	.0	.0	.0	.0	.0	.0	.0	.0
Loup	881	.0	.0	.0	.0	.0	.0	.0	.0
McPherson	587	.0	.0	.0	.0	.0	68.1	.0	.0
Madison	31,688	3.2	.6	.6	.0	.0	29.0	8.8	3.2
Merrick	8,872	4.5	2.3	.0	.0	.0	36.1	6.8	.0
Morrill	6,028	3.3	3.3	.0	.0	.0	43.1	6.6	3.3
Nance	4,678	21.4	.0	.0	.0	.0	21.4	12.8	.0
Nemaha	8,522	7.0	.0	.0	.0	.0	16.4	2.3	.0
Nuckolls	6,748	23.7	3.0	.0	.0	.0	17.8	3.0	.0
Otoe	15,070	11.9	.0	.0	.0	.0	30.5	8.0	4.0
Pawnee	3,830	.0	.0	.0	5.2	.0	10.4	20.9	.0
Perkins	3,692	.0	.0	.0	.0	.0	27.1	10.8	.0
Phelps	10,003	4.0	.0	.0	2.0	.0	24.0	12.0	.0
Pierce	8,445	2.4	.0	.0	.0	.0	14.2	11.8	.0
Platte	29,394	5.4	1.4	.7	.0	.0	26.5	5.4	2.7
Polk	6,132	.0	.0	.0	.0	.0	13.0	26.1	.0
Red Willow	12,757	12.5	1.6	.0	.0	.0	28.2	17.2	.0
Richardson	11,086	5.4	1.8	.0	.0	.0	34.3	3.6	1.8
Rock	2,388	8.4	.0	.0	.0	.0	8.4	.0	.0
Saline	13,101	4.6	.0	.0	.0	.0	21.4	19.8	1.5

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Cheyenne	27.8	7.9	0.0	0.0	2.0	35.7	25.8	38.7	66	15	91	6
Clay	10.0	7.5	.0	.0	.0	15.0	16.6	22.5	11	56	29	43
Colfax	8.2	.0	.0	.0	4.1	12.3	15.8	23.3	10	58	17	54
Cuming	10.4	3.5	.0	.0	.0	13.9	15.8	25.0	14	52	23	49
Custer	8.6	2.9	1.4	1.4	.0	14.4	13.7	20.3	4	68	26	46
Dakota	7.1	5.9	1.2	.0	5.9	16.5	17.9	26.6	22	44	36	39
Dawes	6.3	10.5	.0	.0	.0	16.8	22.6	30.9	43	30	38	36
Dawson	5.4	3.6	1.8	.0	.0	10.8	12.6	19.0	3	78	11	62
Deuel	16.5	8.2	.0	.0	.0	24.7	34.3	47.9	88	5	70	15
Dixon	.0	2.8	.0	.0	.0	2.8	16.4	21.0	8	63	0	81
Dodge	7.9	2.8	.6	.6	1.1	12.4	13.6	19.6	4	71	17	53
Douglas	16.5	2.8	.3	.1	.3	19.5	17.7	28.2	25	42	50	31
Dundy	.0	.0	.0	.0	.0	.0	8.5	14.0	0	87	...	...
Fillmore	12.8	5.1	.0	.0	.0	15.4	26.5	38.7	68	13	30	42
Franklin	18.4	13.8	4.6	.0	.0	36.9	29.6	46.1	82	7	92	4
Frontier	10.9	.0	5.4	.0	.0	16.3	10.4	16.4	1	82	35	40
Furnas	3.1	6.2	.0	.0	.0	9.3	14.7	22.4	8	64	6	68
Gage	10.6	11.5	3.3	.0	.8	25.4	21.8	30.3	40	32	72	13
Garden	14.5	14.5	.0	.0	.0	28.9	16.5	23.4	12	53	80	9
Garfield	8.5	8.5	.0	.0	.0	17.1	29.6	42.8	79	8	39	35
Gosper	9.2	.0	.0	.0	.0	9.2	26.8	40.0	71	12	6	69
Grant	.0	.0	.0	.0	.0	.0	18.9	23.9	18	49	...	...
Greeley	5.8	17.5	.0	5.8	.0	23.4	32.2	38.6	77	10	65	17
Hall	12.3	2.5	.4	.4	.0	14.8	16.8	25.6	17	51	28	45
Hamilton	4.3	2.2	.0	.0	.0	6.5	14.6	19.9	5	67	2	77
Harlan	9.3	.0	.0	.0	.0	9.3	14.0	22.3	7	65	6	67
Hayes	.0	.0	.0	.0	.0	.0	19.0	24.0	18	47	...	...
Hitchcock	14.8	.0	.0	.0	.0	14.8	20.6	31.4	40	34	28	44
Holt	7.3	2.9	.0	.0	.0	10.2	18.4	26.0	21	45	9	65
Hooker	19.7	.0	.0	.0	.0	19.7	19.9	40.5	59	19	51	30
Howard	3.0	3.0	.0	.0	.0	6.0	22.7	33.1	49	28	1	78
Jefferson	8.3	6.2	6.2	.0	.0	20.7	25.6	35.0	59	18	55	27
Johnson	19.2	3.8	.0	.0	.0	19.2	27.9	44.1	78	9	49	33
Kearney	14.5	8.7	2.9	2.9	.0	26.0	17.8	29.7	29	40	73	12
Keith	15.2	6.5	.0	4.3	.0	23.8	31.2	46.7	84	6	67	16
Keya Paha	.0	.0	.0	.0	.0	.0	26.3	36.9	64	16	...	...
Kimball	16.3	4.1	.0	.0	.0	20.4	23.0	34.8	53	24	54	29
Knox	17.7	3.5	.0	.0	.0	19.5	19.6	31.2	37	35	50	32
Lancaster	8.3	4.5	1.4	.0	.4	14.1	12.5	19.0	3	79	24	48
Lincoln	14.2	6.2	3.4	.6	.6	25.0	19.6	29.2	31	37	71	14
Logan	.0	.0	.0	.0	.0	.0	.0	.0	...	...	...	...
Loup	.0	.0	.0	.0	.0	.0	.0	.0	...	...	...	...
McPherson	.0	.0	.0	.0	.0	.0	28.6	36.1	67	14	...	...
Madison	6.3	3.8	.6	.0	.0	10.7	18.0	24.9	18	48	10	64
Merrick	9.0	4.5	.0	.0	.0	13.5	20.6	28.2	31	38	22	51
Morrill	16.6	13.3	6.6	.0	.0	36.5	25.7	33.9	57	21	91	5
Nance	21.4	.0	.0	.0	.0	21.4	20.3	36.4	51	27	58	22
Nemaha	11.7	.0	.0	.0	.0	11.7	10.3	16.3	1	83	14	59
Nuckolls	23.7	3.0	.0	.0	.0	26.7	20.7	36.0	51	26	75	11
Otoe	13.3	1.3	.0	.0	.0	15.9	21.2	33.0	45	29	33	41
Pawnee	10.4	15.7	.0	5.2	.0	20.9	13.8	18.5	3	74	56	25
Perkins	.0	5.4	.0	5.4	.0	10.8	13.5	18.4	3	77	11	63
Phelps	8.0	4.0	.0	2.0	.0	12.0	16.1	23.0	11	57	15	58
Pierce	2.4	4.7	.0	.0	.0	7.1	9.3	14.2	0	86	2	76
Platte	8.2	1.4	2.7	.0	.7	12.2	17.8	25.0	18	50	16	55
Polk	.0	3.3	.0	.0	.0	3.3	10.7	16.6	1	81	0	80
Red Willow	14.1	7.8	1.6	.0	1.6	21.9	22.0	34.8	51	25	60	19
Richardson	10.8	1.8	.0	.0	.0	12.6	20.0	27.6	29	39	18	52
Rock	8.4	8.4	.0	.0	.0	16.8	7.0	12.4	0	89	37	38
Saline	7.6	.0	.0	.0	.0	7.6	15.5	24.0	11	54	3	74

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Sarpy............	90,546	3.8	0.4	0.2	0.0	0.0	12.4	8.4	2.4
Saunders..........	18,551	8.6	1.1	.0	.0	.0	25.9	11.9	1.1
Scotts Bluff......	38,122	11.5	2.6	.5	.5	.5	27.8	12.1	2.6
Seward............	15,770	2.5	.0	.0	1.3	.0	21.6	10.1	.0
Sheridan..........	7,609	26.3	7.9	2.6	.0	.0	44.7	18.4	2.6
Sherman...........	4,109	.0	4.9	.0	.0	.0	19.5	9.7	.0
Sioux.............	1,854	.0	.0	.0	.0	.0	21.6	.0	.0
Stanton...........	6,536	6.1	.0	.0	.0	.0	18.4	12.2	.0
Thayer............	7,469	10.7	.0	.0	.0	.0	24.1	2.7	.0
Thomas............	973	.0	.0	.0	.0	.0	.0	.0	.0
Thurston..........	7,208	22.2	5.5	5.5	.0	.0	38.8	16.6	13.9
Valley............	5,744	17.4	3.5	.0	.0	.0	10.4	17.4	7.0
Washington........	15,611	3.8	1.3	1.3	.0	.0	15.4	5.1	1.3
Wayne.............	9,821	.0	4.1	2.0	.0	.0	22.4	8.1	.0
Webster...........	4,774	8.4	4.2	.0	.0	.0	29.3	8.4	.0
Wheeler...........	1,082	.0	.0	.0	.0	.0	37.0	.0	.0
York..............	14,920	4.0	1.3	.0	.0	.0	21.4	6.7	.0
Nevada.............	865,038	18.2	4.2	.4	.2	.1	29.8	23.7	12.8
Churchill.........	14,099	21.3	5.7	2.8	1.4	.0	49.6	22.7	4.3
Clark.............	505,640	15.9	2.8	.3	.2	.1	26.5	22.0	15.4
Douglas...........	20,399	9.8	2.0	1.0	.0	.0	34.3	12.7	6.9
Elko..............	19,061	24.1	9.4	3.1	1.0	.0	53.5	36.7	8.4
Esmeralda.........	1,137	17.6	.0	.0	17.6	.0	105.5	70.4	17.6
Eureka............	1,205	.0	16.6	.0	.0	.0	16.6	16.6	.0
Humboldt..........	10,100	13.9	4.0	.0	.0	.0	41.6	21.8	9.9
Lander............	4,204	9.5	.0	.0	.0	4.8	57.1	33.3	28.5
Lincoln...........	3,616	16.6	.0	.0	.0	.0	60.8	11.1	11.1
Lyon..............	14,700	20.4	5.4	2.7	.0	.0	55.8	16.3	5.4
Mineral...........	6,098	39.4	13.1	.0	6.6	.0	29.5	52.5	19.7
Nye...............	11,963	13.4	8.4	.0	.0	.0	70.2	26.7	18.4
Pershing..........	3,528	17.0	5.7	.0	.0	.0	34.0	17.0	22.7
Storey............	1,656	36.2	.0	.0	.0	.0	60.4	12.1	.0
Washoe............	205,323	22.5	6.3	.2	.0	.1	27.4	27.2	8.6
White Pine........	8,165	12.2	7.3	.0	2.4	.0	41.6	26.9	7.3
Carson City.......	34,144	26.9	5.3	.6	.0	.0	28.1	25.2	10.0
New Hampshire.......	954,069	11.6	1.6	.2	.1	.1	19.4	11.9	1.7
Belknap...........	44,224	14.0	3.6	.5	.0	.5	19.0	9.0	1.8
Carroll...........	29,094	10.3	4.1	.0	.7	.0	31.6	8.9	2.1
Cheshire..........	63,559	11.6	2.2	.6	.0	.0	18.9	12.3	1.3
Coos..............	34,334	18.1	2.3	.0	.0	.0	22.7	13.4	.6
Grafton...........	66,968	9.3	1.5	.3	.0	.0	18.5	11.3	1.2
Hillsborough......	288,734	11.4	1.0	.1	.1	.0	16.9	11.5	2.0
Merrimack.........	101,465	11.2	1.0	.4	.0	.0	21.3	14.4	2.0
Rockingham........	200,092	11.2	1.4	.2	.0	.1	20.7	12.5	1.4
Strafford.........	88,834	13.5	.7	.5	.0	.0	18.2	11.0	1.8
Sullivan..........	36,765	9.2	4.4	.0	.5	.5	20.7	12.0	1.1
New Jersey..........	7,456,004	15.1	1.5	.2	.2	.0	14.5	7.7	6.1
Atlantic..........	197,819	18.5	3.1	.4	.1	.0	21.2	10.2	7.0
Bergen............	844,680	14.4	.7	.2	.1	.0	11.3	7.5	3.3
Burlington........	371,281	11.3	.4	.2	.1	.1	17.0	7.4	3.1
Camden............	479,364	11.6	3.4	.1	.2	.1	15.2	9.9	6.5
Cape May..........	85,977	21.4	4.4	.0	.0	.0	25.4	8.6	4.2
Cumberland........	133,779	12.0	.7	.7	.0	.1	28.7	10.5	5.1
Essex.............	847,352	18.5	2.4	.3	.2	.0	11.7	6.3	16.8

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Sarpy	4.2	0.7	0.2	0.0	0.0	5.1	10.2	15.4	1	85	0	79
Saunders	14.0	3.2	1.1	.0	.0	17.3	18.4	28.1	26	41	40	34
Scotts Bluff	17.3	9.4	3.1	.5	3.1	32.0	24.3	36.0	58	20	86	7
Seward	10.1	1.3	.0	1.3	.0	11.4	13.4	18.9	3	75	12	61
Sheridan	31.5	13.1	2.6	.0	5.3	49.9	45.0	67.7	98	4	98	2
Sherman	.0	9.7	.0	.0	.0	9.7	15.0	18.8	4	69	7	66
Sioux	.0	.0	.0	.0	.0	.0	9.1	11.4	0	88	...	...
Stanton	9.2	.0	.0	.0	.0	9.2	12.7	20.1	4	72	6	70
Thayer	16.1	2.7	.0	.0	2.7	21.4	15.0	23.9	10	59	58	21
Thomas	.0	.0	20.5	.0	.0	20.5	.0	.0	...	...	54	28
Thurston	33.3	19.4	11.1	.0	8.3	69.4	46.4	67.8	98	3	99	1
Valley	34.8	3.5	.0	.0	.0	38.3	21.8	36.5	54	22	93	3
Washington	5.1	1.3	1.3	.0	.0	7.7	12.2	17.1	2	80	3	73
Wayne	4.1	6.1	2.0	.0	.0	12.2	17.1	21.0	9	62	16	56
Webster	12.6	4.2	.0	.0	.0	16.8	21.6	30.8	41	31	37	37
Wheeler	.0	.0	.0	.0	.0	.0	15.5	19.6	6	66	...	...
York	5.4	4.0	.0	.0	.0	8.0	13.3	19.0	3	73	4	72
Nevada	23.7	10.9	1.6	.3	1.1	35.7	35.7	55.0	-	-	-	-
Churchill	32.6	17.0	2.8	1.4	.0	48.2	46.0	67.6	98	6	97	4
Clark	21.0	6.0	.9	.2	1.3	28.5	32.7	50.6	89	15	79	14
Douglas	15.7	5.9	2.9	1.0	1.0	23.5	27.1	39.6	70	16	66	16
Elko	27.3	14.7	4.2	2.1	1.0	46.2	57.3	83.9	99	3	97	7
Esmeralda	17.6	17.6	.0	17.6	.0	35.2	91.5	127.5	99	1	90	10
Eureka	.0	16.6	16.6	.0	.0	33.2	26.9	31.5	55	17	87	12
Humboldt	19.8	21.8	2.0	.0	.0	41.6	36.1	53.6	92	14	95	8
Lander	9.5	4.8	9.5	.0	9.5	28.5	52.7	74.6	98	5	80	13
Lincoln	22.1	.0	.0	.0	.0	22.1	39.8	59.2	95	12	61	17
Lyon	25.9	15.0	2.7	.0	4.1	46.3	45.8	66.6	98	8	97	6
Mineral	49.2	23.0	3.3	6.6	.0	82.0	68.0	104.7	99	2	99	1
Nye	18.4	11.7	.0	1.7	.0	28.4	57.3	79.9	99	4	79	15
Pershing	22.7	11.3	.0	.0	.0	34.0	41.0	60.7	96	9	89	11
Storey	48.3	.0	.0	.0	.0	48.3	42.6	70.9	98	7	97	3
Washoe	29.3	21.2	2.4	.0	.7	49.7	36.8	58.0	94	13	98	2
White Pine	17.1	26.9	.0	2.4	2.4	46.5	41.2	58.2	96	11	97	5
Carson City	30.5	11.7	1.8	.0	.0	41.0	38.4	62.0	96	10	95	9
New Hampshire	18.0	4.9	.9	.1	.6	23.8	18.0	28.7	-	-	-	-
Belknap	24.9	7.2	4.5	.0	2.7	37.5	20.9	32.4	43	3	92	1
Carroll	20.6	6.9	.7	.7	.7	28.9	25.1	36.0	60	1	80	3
Cheshire	17.9	6.3	1.9	.0	.9	26.4	18.6	29.2	30	6	75	5
Coos	23.3	10.5	.6	.0	.6	33.8	22.2	36.9	56	2	88	2
Grafton	13.7	6.3	1.2	.0	.3	20.3	16.2	25.4	15	10	53	10
Hillsborough	17.8	3.3	.3	.2	.1	21.2	16.2	26.5	17	9	57	9
Merrimack	18.3	4.5	1.0	.0	1.0	23.7	18.7	29.9	31	5	66	7
Rockingham	16.0	4.2	.8	.0	.6	21.3	18.1	28.8	27	7	58	8
Strafford	19.8	4.1	.7	.5	.5	24.8	17.4	28.9	26	8	70	6
Sullivan	17.4	9.8	.5	.5	.5	27.2	20.8	30.3	38	4	77	4
New Jersey	23.6	3.9	.5	.3	.1	27.7	18.6	30.6	-	-	-	-
Atlantic	29.7	6.6	1.2	.2	.2	37.1	25.5	40.7	69	2	92	3
Bergen	21.5	1.9	.4	.1	.3	23.5	14.6	25.5	12	17	66	13
Burlington	17.9	2.5	.7	.2	.2	20.6	15.4	25.2	13	16	55	17
Camden	17.7	5.2	.3	.2	.3	23.3	20.0	30.7	37	10	65	14
Cape May	33.7	8.8	.2	.0	.0	42.1	27.5	44.1	78	1	95	1
Cumberland	17.2	3.4	1.6	.1	.1	22.4	23.1	35.3	55	6	62	15
Essex	29.8	5.7	.5	.4	.1	35.7	24.5	39.7	66	3	91	4

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Gloucester........	203,210	8.1	1.3	0.2	0.2	0.0	19.3	7.1	3.6
Hudson............	559,261	22.2	1.8	.2	.2	.0	10.7	7.3	10.7
Hunterdon.........	90,140	5.3	.7	.2	.0	.0	17.1	8.4	1.3
Mercer............	312,213	15.2	3.6	.3	.4	.0	14.3	7.1	6.8
Middlesex.........	609,105	13.3	.8	.2	.1	.0	13.7	7.0	3.1
Monmouth..........	514,412	14.3	1.0	.4	.2	.1	15.0	8.1	3.0
Morris............	412,453	10.2	.6	.1	.1	.0	13.9	9.2	1.7
Ocean.............	360,829	20.3	1.1	.1	.1	.0	18.7	9.0	3.0
Passaic...........	454,008	18.6	1.3	.1	.2	.0	12.0	6.6	8.4
Salem.............	65,354	13.5	1.2	.0	.3	.0	31.2	9.2	4.3
Somerset..........	206,495	11.3	1.0	.4	.2	.0	14.9	8.4	1.5
Sussex............	118,121	7.8	1.2	.5	.0	.0	17.9	7.4	1.5
Union.............	505,654	15.3	1.2	.0	.2	.0	11.0	6.3	5.3
Warren............	84,498	12.3	.7	.5	.0	.0	24.1	12.5	1.2
New Mexico..........	1,374,673	13.5	6.8	.7	.6	.0	38.0	17.8	11.0
Bernalillo........	439,169	12.8	5.4	.6	.2	.0	25.5	18.8	11.4
Catron............	2,760	.0	.0	.0	.0	.0	101.5	29.0	14.5
Chaves............	53,798	15.6	9.7	.4	.4	.0	32.3	18.2	16.4
Colfax............	13,974	10.0	1.4	2.9	.0	.0	25.8	20.0	10.0
Curry.............	42,901	7.9	3.3	1.4	.5	.0	31.2	8.9	12.1
De Baca...........	2,414	24.9	.0	.0	.0	.0	58.0	24.9	8.3
Dona Ana..........	106,640	8.4	2.8	.4	.8	.0	28.7	11.4	8.4
Eddy..............	50,525	13.1	4.0	.0	.4	.4	34.8	13.5	8.3
Grant.............	26,640	18.8	3.8	.0	.8	.0	32.3	17.3	3.8
Guadalupe.........	4,522	13.3	22.1	.0	.0	.0	57.5	31.0	22.1
Harding...........	1,041	19.2	.0	.0	.0	.0	.0	19.2	.0
Hidalgo...........	6,238	16.0	3.2	.0	.0	.0	38.5	3.2	6.4
Lea...............	61,523	9.8	4.2	.0	.0	.0	34.8	13.7	9.4
Lincoln...........	12,367	16.2	3.2	1.6	.0	.0	30.7	27.5	14.6
Los Alamos........	17,722	3.4	1.1	.0	1.1	.0	23.7	19.2	2.3
Luna..............	16,598	10.8	8.4	1.2	1.2	.0	43.4	33.7	10.8
McKinley..........	60,549	20.5	19.5	1.0	.3	.0	81.9	20.8	12.6
Mora..............	4,426	18.1	4.5	.0	.0	.0	27.1	45.2	13.6
Otero.............	47,352	17.7	5.1	1.3	1.7	.0	35.1	14.4	6.3
Quay..............	11,048	14.5	9.1	1.8	.0	.0	43.4	14.5	5.4
Rio Arriba........	31,310	26.8	12.1	1.3	3.8	.0	76.7	24.3	23.6
Roosevelt.........	16,200	8.6	2.5	.0	.0	.0	44.4	7.4	3.7
Sandoval..........	39,924	15.5	10.0	.5	.5	.0	56.6	14.5	9.5
San Juan..........	87,154	7.6	9.6	2.1	.7	.0	60.4	17.0	11.2
San Miguel........	23,751	20.2	18.5	.0	2.5	.0	33.7	21.1	20.2
Santa Fe..........	79,478	19.4	7.8	.5	.3	.0	36.7	20.9	12.6
Sierra............	8,911	31.4	2.2	.0	.0	.0	38.2	49.4	6.7
Socorro...........	13,759	10.2	8.7	.0	.0	.0	43.6	13.1	4.4
Taos..............	20,666	18.4	15.5	.0	1.0	.0	50.3	18.4	16.5
Torrance..........	7,926	15.1	2.5	.0	.0	.0	68.1	10.1	15.1
Union.............	4,996	16.0	.0	.0	.0	.0	40.0	28.0	4.0
Valencia..........	58,392	10.3	5.5	.7	1.0	.0	52.7	20.6	9.9
New York............	17,663,164	18.4	2.6	.2	.1	.0	13.6	8.2	11.0
Albany............	284,862	12.9	1.4	.1	.0	.0	12.4	9.1	2.0
Allegany..........	51,441	9.7	.4	.0	.4	.0	23.3	10.9	2.3
Broome............	213,129	12.2	1.3	.6	.1	.0	14.7	10.3	1.8
Cattaraugus.......	85,580	10.0	1.9	.7	.0	.0	25.7	11.0	2.6
Cayuga............	79,916	10.8	3.0	.3	.0	.3	24.0	9.5	1.3
Chautauqua........	145,581	12.0	.4	.4	.3	.0	18.1	9.1	1.8
Chemung...........	94,912	12.4	2.5	.8	.2	.0	16.9	9.3	1.7

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Gloucester........	15.0	3.1	0.4	0.4	0.2	18.3	16.2	24.5	13	15	45	20
Hudson............	33.5	4.6	.5	.3	.0	38.1	22.1	38.3	59	5	93	2
Hunterdon.........	10.0	2.7	.2	.2	.0	12.6	12.6	19.0	3	21	18	21
Mercer............	24.7	8.3	.7	.6	.1	33.3	21.2	33.4	46	8	87	5
Middlesex.........	21.1	2.2	.3	.4	.2	23.8	15.2	25.6	14	14	67	12
Monmouth..........	24.7	4.8	.9	.3	.2	29.5	16.8	28.1	23	12	82	8
Morris............	16.4	1.8	.3	.1	.1	18.5	13.5	22.4	7	20	46	19
Ocean.............	29.5	3.0	.3	.2	.0	32.8	20.7	35.7	50	7	87	6
Passaic...........	27.9	4.0	.4	.3	.1	31.5	19.6	33.6	43	9	85	7
Salem.............	26.6	2.4	.0	.6	.3	29.1	24.0	37.0	60	4	81	9
Somerset..........	16.7	2.4	.6	.3	.0	19.4	14.8	24.3	11	18	49	18
Sussex............	15.9	4.9	1.7	.2	.3	20.8	14.6	22.3	8	19	56	16
Union.............	23.3	3.7	.0	.2	.2	26.5	16.1	27.6	20	13	75	10
Warren............	21.3	4.5	.5	.0	.0	26.3	19.4	31.1	36	11	74	11
New Mexico..........	18.2	12.0	1.8	.7	.2	32.1	38.2	54.6	-	-	-	-
Bernalillo........	17.7	9.2	1.5	.3	.2	28.6	31.3	46.2	84	23	80	18
Catron............	7.2	.0	.0	.0	.0	7.2	55.2	73.8	98	6	2	32
Chaves............	18.6	15.2	.7	.4	.0	34.6	41.7	59.6	96	14	89	13
Colfax............	17.2	1.4	4.3	.0	.0	22.9	27.9	41.3	75	27	63	27
Curry.............	13.5	7.9	1.9	.5	.0	23.3	29.0	40.2	75	28	65	26
De Baca...........	24.9	.0	.0	.0	.0	24.9	43.4	68.9	97	11	70	23
Dona Ana..........	13.3	4.9	.8	.8	.2	19.1	25.7	36.8	63	30	48	30
Eddy..............	21.8	7.9	.8	.4	.8	30.9	31.3	45.9	84	24	84	16
Grant.............	22.5	9.8	.0	.8	.8	32.3	31.0	48.2	86	22	86	15
Guadalupe.........	17.7	26.5	.0	.0	.0	39.8	68.3	90.8	99	3	94	8
Harding...........	38.4	.0	.0	.0	.0	38.4	11.7	25.4	8	32	93	9
Hidalgo...........	22.4	3.2	.0	.0	.0	25.7	29.6	44.1	80	25	72	22
Lea...............	13.7	6.5	.0	.3	.0	20.2	30.0	43.0	79	26	53	28
Lincoln...........	19.4	3.2	1.6	.0	.0	24.3	36.7	56.0	94	18	68	24
Los Alamos........	5.6	3.4	1.1	1.1	.0	10.2	18.5	26.6	23	31	9	31
Luna..............	25.3	15.7	3.6	1.2	1.2	44.6	45.4	63.6	97	12	96	7
McKinley..........	24.8	44.6	6.6	.7	.0	75.3	73.7	99.4	99	2	99	1
Mora..............	31.6	18.1	.0	.0	.0	49.7	38.7	61.5	96	16	98	5
Otero.............	24.1	9.7	2.1	1.7	.0	35.9	35.9	52.8	92	19	91	11
Quay..............	19.9	12.7	1.8	.0	.0	34.4	40.5	56.5	95	17	89	14
Rio Arriba........	30.0	23.0	3.8	5.1	.6	59.4	76.4	107.5	99	1	99	2
Roosevelt.........	14.8	7.4	.0	.0	.0	19.8	27.9	39.3	71	29	51	29
Sandoval..........	18.0	16.0	1.5	.5	.0	35.1	48.5	67.2	98	8	90	12
San Juan..........	9.4	14.2	4.1	.7	.5	27.8	49.5	65.1	98	9	78	20
San Miguel........	21.9	29.5	1.7	5.1	.8	52.2	57.2	78.8	99	4	98	4
Santa Fe..........	23.7	11.8	1.3	.5	.5	37.5	42.0	62.2	97	13	92	10
Sierra............	51.6	9.0	.0	.0	.0	58.4	44.2	74.9	98	7	98	3
Socorro...........	14.5	11.6	2.9	.0	.0	27.6	35.9	49.1	90	20	78	21
Taos..............	23.2	21.3	2.9	1.0	.0	45.5	56.5	77.9	99	5	96	6
Torrance..........	20.2	12.6	.0	.0	.0	30.3	46.5	66.4	98	10	83	17
Union.............	20.0	8.0	.0	.0	.0	24.0	30.9	49.4	86	21	68	25
Valencia..........	14.4	11.0	2.1	1.0	.3	28.1	42.3	58.9	96	15	79	19
New York............	27.0	6.2	.5	.2	.2	33.4	23.0	37.6	-	-	-	-
Albany............	18.0	3.0	.2	.0	.1	21.1	14.7	25.0	12	54	57	37
Allegany..........	10.9	2.7	.4	.4	.0	14.0	17.8	27.9	24	41	24	55
Broome............	20.2	3.8	.7	.1	.2	24.4	16.1	26.3	17	50	69	23
Cattaraugus.......	17.8	4.7	.9	.5	.5	24.1	20.9	31.5	41	14	68	25
Cayuga............	19.8	6.0	.3	.3	.5	26.3	20.5	30.8	38	15	74	11
Chautauqua........	18.7	4.3	1.0	.4	1.6	24.9	16.3	26.6	18	49	70	20
Chemung...........	20.4	4.2	1.3	.2	.0	25.7	18.4	28.8	28	34	73	13

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Chenango..........	49,574	13.7	0.4	0.4	0.0	0.0	31.5	8.1	2.0
Clinton...........	80,821	11.9	.5	.2	.0	.2	20.3	7.4	1.2
Columbia..........	60,033	12.0	2.3	.3	.3	.0	20.7	12.3	1.7
Cortland..........	47,878	8.4	.8	.0	.0	.0	20.1	8.8	2.1
Delaware..........	46,774	9.0	3.4	.0	.0	.4	21.8	12.8	2.1
Dutchess..........	248,747	11.9	1.2	.1	.0	.0	21.4	10.3	2.7
Erie..............	995,975	16.2	1.0	.4	.0	.0	13.4	9.0	6.3
Essex.............	36,258	11.6	3.3	.6	.6	.0	25.4	10.5	2.2
Franklin..........	44,007	9.5	2.7	.0	.0	.5	28.2	12.3	3.2
Fulton............	55,394	10.8	1.1	.4	.0	.0	21.7	9.7	1.8
Genesee...........	59,120	9.8	1.4	.3	.0	.0	26.0	9.1	1.4
Greene............	41,145	12.2	1.9	.0	.0	.0	29.7	16.0	1.5
Hamilton..........	4,973	20.1	4.0	.0	.0	.0	28.2	28.2	8.0
Herkimer..........	66,805	12.3	.9	1.2	.0	.3	19.5	9.9	1.8
Jefferson.........	88,346	13.4	2.5	.0	.0	.0	22.9	10.6	1.6
Lewis.............	25,119	8.8	.8	.0	.8	.0	24.7	10.4	.8
Livingston........	57,651	8.0	.3	.0	.0	.0	25.7	10.8	2.8
Madison...........	65,819	10.6	.3	.6	.3	.0	26.1	7.9	1.2
Monroe............	703,701	9.1	4.5	.5	.1	.1	12.1	10.7	5.5
Montgomery........	52,959	14.0	1.5	.0	.0	.0	21.9	9.1	1.5
Nassau............	1,323,392	12.9	1.3	.2	.0	.0	12.7	8.4	3.9
New York City.....	7,165,934	26.2	4.1	.1	.1	.0	9.0	6.6	21.9
Niagara...........	222,321	14.8	.9	.4	.0	.0	21.3	10.4	4.3
Oneida............	252,664	12.7	1.3	.2	.0	.0	18.4	10.2	2.2
Onondaga..........	462,755	12.8	2.5	.2	.3	.1	14.0	8.9	3.4
Ontario...........	90,220	10.0	.9	.7	.0	.0	25.0	11.3	2.0
Orange............	267,418	14.3	1.6	.4	.3	.1	20.8	10.5	3.7
Orleans...........	38,601	16.1	1.6	.5	.0	.5	23.3	14.5	1.0
Oswego............	116,300	11.2	1.7	.0	.0	.0	23.4	8.4	1.5
Otsego............	59,199	7.8	.3	.0	.0	.0	22.3	11.5	1.4
Putnam............	78,711	12.2	1.0	.0	.3	.3	19.1	7.9	3.6
Rensselaer........	151,581	13.3	1.2	.1	.1	.0	17.2	10.6	1.6
Rockland..........	261,181	9.2	.5	.2	.2	.0	13.7	6.4	3.4
St. Lawrence......	113,515	11.6	1.1	.0	.2	.0	21.3	9.7	1.1
Saratoga..........	156,988	12.4	.3	.1	.0	.0	19.1	9.4	2.2
Schenectady.......	150,155	12.8	1.2	.0	.0	.0	15.1	12.9	1.6
Schoharie.........	29,721	4.0	2.0	.0	.0	.0	32.3	10.1	1.3
Schuyler..........	17,630	15.9	1.1	.0	.0	.0	23.8	5.7	1.1
Seneca............	33,293	9.6	1.2	.6	.0	.0	19.8	9.6	1.2
Steuben...........	98,386	12.4	.6	.2	.2	.0	22.6	10.6	2.6
Suffolk...........	1,295,797	13.1	1.5	.2	.2	.0	17.1	8.7	3.7
Sullivan..........	66,392	18.7	2.4	.3	.0	.0	28.0	7.8	3.6
Tioga.............	50,073	9.6	.0	.0	.0	.0	18.8	8.0	2.8
Tompkins..........	87,542	8.9	.9	.2	.0	.0	15.1	13.0	1.1
Ulster............	160,628	11.6	.7	.4	.1	.0	24.9	6.7	2.9
Warren............	55,026	15.3	2.5	1.1	.0	.0	21.1	12.0	.0
Washington........	55,496	10.1	1.1	.4	.0	.4	24.1	9.0	1.8
Wayne.............	86,181	9.1	1.4	.0	.0	.0	29.0	7.7	1.6
Westchester.......	867,858	18.4	1.3	.4	.2	.0	11.4	9.0	5.5
Wyoming...........	40,406	11.4	.5	.0	.0	.0	31.7	12.4	1.5
Yates.............	21,280	11.3	.0	.0	.0	.0	22.6	15.0	1.9
North Carolina......	6,042,176	10.4	4.5	.5	.8	1.4	24.5	12.3	9.7
Alamance..........	100,828	8.3	6.5	.2	1.0	2.0	21.0	13.5	9.1
Alexander.........	25,764	7.8	3.1	1.6	.0	.8	34.2	13.2	6.2
Alleghany.........	9,707	10.3	2.1	.0	.0	2.1	28.8	26.8	6.2
Anson.............	25,900	14.7	1.5	.0	.8	1.5	30.1	11.6	15.4
Ashe..............	22,780	2.6	.9	.9	.0	3.5	15.8	15.8	4.4
Avery.............	14,714	5.4	5.4	.0	.0	1.4	21.7	10.9	4.1

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Chenango..........	18.6	2.4	1.2	0.0	0.0	21.4	22.2	34.8	52	7	58	34
Clinton...........	14.8	1.0	.7	.0	.2	16.6	16.4	26.6	18	48	36	52
Columbia..........	19.3	5.3	1.0	.3	.0	25.3	19.8	31.0	37	18	71	16
Cortland..........	11.7	2.5	.0	.0	.0	13.4	15.4	24.0	11	55	21	57
Delaware..........	17.1	7.7	.4	.0	1.3	25.7	20.3	30.1	36	19	72	14
Dutchess..........	18.6	3.1	.2	.2	.4	21.9	18.5	29.4	30	27	60	31
Erie..............	26.0	2.8	.6	.2	.1	29.6	18.5	31.3	34	20	82	5
Essex.............	17.1	5.5	1.1	.6	.6	24.8	23.0	34.2	52	6	70	21
Franklin..........	13.2	6.8	.0	.0	1.4	20.9	22.9	33.8	51	8	56	39
Fulton............	18.1	2.5	.7	.0	.0	21.3	17.8	28.0	24	40	58	36
Genesee...........	14.2	3.0	.7	.0	.0	17.6	19.1	29.1	31	26	42	50
Greene............	19.9	2.9	.5	.0	.0	22.8	23.3	36.1	57	4	63	28
Hamilton..........	44.2	4.0	4.0	.0	.0	52.3	33.5	53.6	91	1	98	1
Herkimer..........	18.6	3.0	1.8	.3	.3	24.0	18.4	29.2	29	28	67	26
Jefferson.........	20.4	5.4	.5	.2	.0	25.1	20.4	32.2	41	13	71	18
Lewis.............	15.9	6.4	3.2	2.4	.0	24.7	18.0	27.3	24	42	69	22
Livingston........	13.5	2.1	3.1	.0	.3	19.1	17.9	27.3	23	44	48	45
Madison...........	16.1	1.8	.6	.3	.0	18.2	18.7	28.9	29	29	45	48
Monroe............	13.5	8.8	2.9	.1	.3	25.0	18.7	27.7	26	36	71	19
Montgomery........	22.3	4.5	.4	.0	.0	26.1	19.0	30.7	34	21	73	12
Nassau............	19.9	2.6	.4	.1	.1	23.3	15.7	26.1	16	52	65	27
New York City.....	37.6	9.9	.2	.3	.1	46.5	30.4	50.4	87	2	97	2
Niagara...........	23.5	3.2	.8	.1	.1	27.3	20.5	33.4	44	12	77	8
Oneida............	19.8	2.6	.4	.0	.2	22.7	17.6	28.6	25	38	63	30
Onondaga..........	18.6	5.8	.6	.5	.4	25.2	17.7	28.2	25	39	71	17
Ontario...........	15.5	2.0	2.2	.2	.0	20.0	19.4	29.8	32	23	52	42
Orange............	21.3	4.6	.4	.4	.4	26.8	20.8	33.2	45	11	76	10
Orleans...........	21.8	4.7	.5	.5	1.0	27.5	22.4	36.2	55	5	77	7
Oswego............	16.2	2.2	.2	.0	.3	18.6	18.5	28.8	28	33	46	47
Otsego............	10.5	2.4	1.0	.3	.0	13.5	15.8	24.7	13	53	22	56
Putnam............	16.5	2.3	.0	.3	.3	19.1	17.8	28.4	25	37	48	46
Rensselaer........	21.8	3.7	.4	.4	.0	25.3	17.0	28.1	23	45	71	15
Rockland..........	15.5	1.6	.2	.2	.5	17.5	13.3	21.4	5	58	41	51
St. Lawrence......	16.0	3.2	.5	.2	.0	19.9	17.4	27.8	23	43	52	43
Saratoga..........	17.2	2.0	.4	.0	.0	19.4	16.4	27.1	19	46	49	44
Schenectady.......	23.7	2.5	.5	.0	.3	26.9	16.1	27.1	19	47	76	9
Schoharie.........	8.1	4.0	.0	.0	.0	12.1	19.9	27.6	29	30	16	58
Schuyler..........	17.0	4.5	.0	.0	.0	21.6	19.3	31.7	38	16	59	33
Seneca............	16.8	2.4	1.8	.0	.0	21.0	16.6	25.8	17	51	57	38
Steuben...........	18.5	3.5	.8	.2	.0	22.8	18.9	30.4	33	22	63	29
Suffolk...........	19.9	3.6	.8	.3	.1	24.2	17.8	28.8	26	35	68	24
Sullivan..........	28.3	8.4	.3	.6	1.5	38.0	25.4	40.5	69	3	93	3
Tioga.............	14.0	.0	.4	.0	.0	14.8	14.7	23.8	10	56	28	53
Tompkins..........	11.7	2.5	.2	.0	.0	14.4	14.3	23.1	8	57	25	54
Ulster............	17.6	2.0	.5	.2	.0	20.2	19.1	29.8	32	24	53	41
Warren............	22.9	4.0	1.8	.0	.0	28.4	21.1	33.7	46	10	79	6
Washington........	13.3	2.9	1.1	.4	.7	17.7	18.7	28.7	28	32	42	49
Wayne.............	13.5	6.7	1.6	.2	.0	21.4	19.6	29.2	32	25	58	35
Westchester.......	26.3	3.4	.6	.3	1.1	31.5	18.6	32.3	38	17	85	4
Wyoming...........	17.3	3.0	.0	.5	.5	21.8	21.6	33.6	47	9	60	32
Yates.............	17.9	1.9	.9	.0	.0	20.7	18.0	29.4	28	31	55	40
North Carolina......	16.0	12.7	2.4	1.0	3.2	33.1	28.8	40.9	-	-	-	-
Alamance..........	14.9	12.9	1.8	1.0	3.0	31.3	29.0	39.6	73	54	85	53
Alexander.........	12.4	14.0	2.3	.8	3.1	29.5	28.5	39.8	73	57	82	66
Alleghany.........	12.4	6.2	2.1	.0	4.1	24.7	28.7	43.1	78	43	70	86
Anson.............	16.2	10.0	3.1	.8	9.3	36.3	32.1	47.9	86	31	91	38
Ashe..............	5.3	5.3	1.8	.0	4.4	14.9	18.2	24.8	18	100	28	99
Avery.............	10.9	12.2	4.1	.0	2.7	29.9	22.3	30.1	41	90	83	62

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Beaufort..........	41,716	16.8	6.7	0.0	1.0	0.5	25.4	14.4	13.4
Bertie............	21,224	11.3	6.6	2.8	.0	1.9	45.2	10.4	12.3
Bladen............	30,558	5.9	3.9	.0	.7	.7	27.5	10.5	13.7
Brunswick.........	40,270	6.5	4.0	.0	.0	.5	30.8	10.9	7.4
Buncombe..........	164,068	11.9	3.9	2.0	.9	1.3	19.7	16.9	7.4
Burke.............	73,672	11.1	2.2	.3	.5	.8	19.8	12.2	8.4
Cabarrus..........	88,849	8.3	2.3	.7	1.8	.7	23.4	14.2	7.9
Caldwell..........	68,290	8.5	3.8	.9	.6	.9	22.8	13.5	10.0
Camden............	5,823	17.2	.0	3.4	.0	3.4	27.5	10.3	.0
Carteret..........	44,729	11.6	5.4	.0	.0	.9	18.3	6.7	5.8
Caswell...........	21,500	6.5	2.8	.9	2.8	.0	34.4	11.2	7.4
Catawba...........	108,380	13.5	1.8	.4	1.3	1.1	28.0	13.1	7.8
Chatham...........	34,336	8.2	8.2	1.2	.6	2.9	33.2	9.3	16.9
Cherokee..........	19,490	18.5	7.2	2.1	.0	.0	21.5	14.4	7.2
Chowan............	12,811	10.9	4.7	1.6	1.6	.0	26.5	10.9	6.2
Clay..............	6,813	11.7	2.9	5.9	.0	.0	17.6	14.7	14.7
Cleveland.........	84,185	9.0	4.5	1.0	1.2	1.9	23.3	11.9	12.8
Columbus..........	51,565	8.9	6.6	.4	1.2	2.3	36.5	15.9	14.0
Craven............	74,585	12.6	3.2	.0	.8	.5	21.7	9.1	8.8
Cumberland........	250,463	8.6	2.9	.5	.6	.6	27.2	9.5	12.5
Currituck.........	12,141	8.2	.0	.0	.0	1.6	24.7	18.1	3.3
Dare..............	14,987	12.0	5.3	.0	.0	.0	29.4	16.0	4.0
Davidson..........	115,361	8.0	4.9	.3	.0	1.2	30.0	13.5	8.3
Davie.............	26,027	9.2	1.5	.0	.8	.8	25.4	16.1	3.1
Duplin............	41,202	11.6	6.3	1.0	.5	1.9	35.9	6.3	8.7
Durham............	156,696	9.8	8.6	.5	1.8	1.9	14.8	11.1	12.8
Edgecombe.........	57,210	11.9	7.7	.3	2.1	2.1	22.7	9.1	12.2
Forsyth...........	250,313	13.4	5.8	.6	1.0	.9	17.3	13.3	9.1
Franklin..........	31,118	13.5	5.1	.6	.0	5.1	36.0	9.0	19.9
Gaston............	166,294	13.0	1.2	1.4	.2	1.0	24.4	11.5	11.8
Gates.............	9,026	11.1	4.4	.0	.0	2.2	31.0	13.3	8.9
Graham............	7,171	8.4	2.8	.0	2.8	2.8	36.3	11.2	5.6
Granville.........	35,344	7.4	6.2	1.1	1.1	1.1	30.0	15.8	10.8
Greene............	16,245	8.6	9.8	1.2	2.5	.0	51.7	12.3	9.8
Guilford..........	321,429	10.5	5.7	.1	.6	1.3	20.6	12.0	9.1
Halifax...........	55,787	15.8	6.5	.0	1.4	2.2	26.2	8.6	10.4
Harnett...........	61,188	8.8	7.5	.0	.7	1.3	35.3	13.7	14.4
Haywood...........	47,050	9.4	2.1	.0	1.3	.9	21.3	9.4	4.3
Henderson.........	62,035	12.6	2.6	.0	.0	.6	22.2	17.1	4.8
Hertford..........	23,623	11.0	7.6	.0	.0	.0	26.2	11.9	8.5
Hoke..............	21,373	7.5	8.4	.9	.0	2.8	24.3	8.4	12.2
Hyde..............	5,959	6.7	.0	.0	.0	.0	30.2	13.4	3.4
Iredell...........	84,666	9.4	4.0	.5	.2	2.1	24.6	10.9	9.0
Jackson...........	26,354	9.9	1.5	.8	1.5	.8	15.2	11.4	7.6
Johnston..........	73,194	9.6	6.3	.3	.3	2.5	39.6	16.9	12.0
Jones.............	9,731	10.3	4.1	.0	.0	.0	18.5	16.4	4.1
Lee...............	38,209	13.1	5.8	1.0	1.6	1.6	30.4	12.6	9.4
Lenoir............	60,185	13.6	5.3	.7	1.7	3.7	25.9	13.6	10.6
Lincoln...........	43,489	5.5	1.4	.0	.0	3.2	34.5	13.3	8.7
McDowell..........	35,634	5.6	2.2	.0	1.1	1.7	26.4	12.3	5.6
Macon.............	21,754	5.5	2.8	.9	.9	1.8	17.5	12.0	2.8
Madison...........	16,943	7.1	3.5	1.2	.0	.0	31.9	9.4	15.3
Martin............	26,318	12.2	3.0	.0	1.5	1.5	30.4	9.1	9.9
Mecklenburg.......	420,401	12.5	3.1	.1	1.1	2.1	17.4	10.8	14.2
Mitchell..........	14,436	9.7	2.8	.0	1.4	.0	42.9	11.1	4.2
Montgomery........	23,003	5.2	6.1	.9	.0	1.7	27.8	13.9	20.9
Moore.............	52,358	18.7	3.8	.8	1.5	1.9	33.2	13.4	9.5
Nash..............	68,897	9.9	6.4	.6	1.7	3.5	33.1	13.1	10.7
New Hanover.......	107,345	13.0	5.2	.4	.7	.2	20.1	10.6	7.6
Northampton.......	22,698	7.9	6.2	.0	.0	2.6	27.3	7.0	15.9

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
							Range of Rates					
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Minimum	Maximum	Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
Beaufort..........	22.5	15.8	1.0	1.4	1.0	39.8	34.9	51.5	91	16	94	22
Bertie............	17.9	12.3	6.6	.0	3.8	37.7	42.8	57.7	96	5	92	32
Bladen............	15.1	13.7	1.3	.7	1.3	30.8	27.8	38.1	69	66	84	59
Brunswick.........	9.9	7.0	1.0	1.0	1.5	19.9	25.7	35.7	61	75	52	94
Buncombe..........	18.3	13.5	4.6	.9	3.2	39.6	28.1	40.9	74	51	94	23
Burke.............	17.6	10.3	3.5	.8	6.2	34.2	23.1	34.8	53	81	89	44
Cabarrus..........	11.9	9.2	1.6	2.0	1.1	25.2	25.2	36.0	60	76	71	84
Caldwell..........	12.3	10.0	2.1	.9	1.5	25.2	26.6	37.7	66	70	71	85
Camden............	17.2	10.3	6.9	.0	6.9	30.9	27.5	41.6	74	49	84	57
Carteret..........	19.7	12.1	1.8	1.3	2.2	33.1	22.8	33.2	49	86	87	47
Caswell...........	13.0	10.2	4.7	2.8	2.8	31.6	29.4	39.8	75	47	85	50
Catawba...........	19.7	10.0	2.8	1.7	2.0	33.6	28.2	42.1	76	46	88	46
Chatham...........	9.9	20.4	9.9	1.2	5.8	44.9	39.9	52.4	93	7	96	12
Cherokee..........	24.6	12.3	7.2	.0	1.0	45.2	32.1	48.1	86	30	96	10
Chowan............	17.2	14.0	6.2	1.6	1.6	40.6	28.6	40.3	74	52	94	19
Clay..............	20.5	5.9	8.8	.0	.0	38.2	30.9	44.1	81	37	93	30
Cleveland.........	15.7	7.1	2.9	1.9	3.8	29.2	30.4	42.1	79	42	81	69
Columbus..........	15.1	12.4	1.2	1.2	3.1	31.4	39.2	53.1	93	8	85	52
Craven............	16.6	9.7	2.7	1.3	1.9	29.8	24.8	37.1	62	74	82	63
Cumberland........	12.9	7.7	1.9	.9	1.2	22.8	27.4	38.7	69	64	63	92
Currituck.........	16.5	8.2	1.6	.0	3.3	28.0	20.6	31.4	40	91	78	73
Dare..............	16.0	9.3	5.3	.0	.0	30.7	27.7	40.8	73	55	84	60
Davidson..........	11.8	13.0	1.9	.0	1.9	26.7	28.9	40.2	75	48	76	79
Davie.............	18.4	6.1	2.3	.8	.8	26.1	22.2	33.2	48	87	74	81
Duplin............	19.4	16.0	9.7	.5	4.9	48.5	34.9	47.7	88	20	97	7
Durham............	14.6	20.2	2.6	2.0	4.0	40.1	31.2	42.2	80	39	94	21
Edgecombe.........	18.5	19.6	6.3	2.4	4.5	47.2	34.2	46.8	87	28	97	9
Forsyth...........	20.4	15.0	2.3	1.2	1.5	38.1	27.9	40.9	74	53	93	31
Franklin..........	20.6	26.4	.6	.6	7.1	52.7	42.7	58.9	96	4	98	5
Gaston............	17.9	4.4	2.0	.4	1.6	25.7	27.3	40.9	73	59	73	82
Gates.............	11.1	11.1	2.2	.0	6.6	28.8	31.0	44.2	82	35	80	71
Graham............	11.2	8.4	5.6	2.8	2.8	27.9	31.9	43.2	81	36	78	74
Granville.........	10.8	18.1	4.5	1.7	2.3	36.2	33.5	45.2	85	32	91	39
Greene............	14.8	20.9	1.2	2.5	2.5	39.4	45.9	60.0	97	3	94	24
Guilford..........	16.2	14.8	1.4	.9	6.0	36.8	27.4	38.9	69	63	92	34
Halifax...........	26.5	23.7	1.4	1.4	12.2	60.6	34.1	48.7	88	19	99	3
Harnett...........	14.1	18.3	1.6	.7	1.6	34.6	37.4	50.9	92	14	89	42
Haywood...........	16.6	8.1	1.3	1.3	2.1	27.6	20.9	30.6	39	93	78	77
Henderson.........	20.6	11.9	1.0	.3	2.6	36.4	23.4	36.4	57	80	91	37
Hertford..........	12.7	14.4	1.7	.0	2.5	29.6	29.5	41.8	77	45	82	64
Hoke..............	13.1	18.7	1.9	.9	2.8	36.5	32.9	43.1	82	34	91	36
Hyde..............	13.4	6.7	.0	.0	3.4	23.5	19.7	29.5	33	95	66	88
Iredell...........	13.9	10.9	3.3	.7	3.1	31.2	27.4	38.6	69	65	85	55
Jackson...........	14.4	12.9	3.8	1.5	1.5	29.6	20.8	31.0	40	92	82	65
Johnston..........	15.3	17.5	3.6	.5	5.5	39.1	38.9	53.3	93	9	93	27
Jones.............	16.4	16.4	2.1	.0	.0	32.9	21.3	32.4	44	88	87	48
Lee...............	19.4	20.9	3.1	2.6	3.7	44.5	35.0	49.1	89	18	96	13
Lenoir............	19.9	16.3	2.3	2.0	5.0	44.2	35.5	49.8	90	17	96	15
Lincoln...........	10.6	5.1	1.8	.0	6.9	23.5	28.1	38.6	71	60	66	89
McDowell..........	12.3	5.1	2.2	1.7	5.1	23.0	23.5	32.5	49	85	64	90
Macon.............	9.2	8.3	.9	.9	1.8	19.3	19.7	27.1	27	96	49	95
Madison...........	7.1	5.9	7.1	.0	1.2	20.1	30.1	41.7	78	44	53	93
Martin............	16.7	7.6	5.3	1.5	2.3	31.2	30.3	43.4	80	38	85	56
Mecklenburg.......	23.9	10.7	.6	1.3	4.0	36.6	27.8	40.7	73	56	91	35
Mitchell..........	16.6	5.5	1.4	1.4	2.8	27.7	30.3	42.9	80	40	78	76
Montgomery........	7.8	12.2	5.2	.9	3.5	27.8	35.1	46.9	88	24	78	75
Moore.............	25.2	14.1	4.2	1.9	1.9	45.1	36.8	54.5	93	11	96	11
Nash..............	17.1	17.4	3.2	2.3	6.7	41.8	37.8	50.8	92	12	95	17
New Hanover.......	17.0	11.6	2.0	.7	1.3	31.5	26.0	38.4	66	69	85	51
Northampton.......	13.2	20.3	1.8	.9	6.2	40.5	32.4	43.6	82	33	94	20

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Onslow	117,596	6.3	1.4	0.7	0.3	0.3	20.9	8.5	5.8
Orange	79,072	6.1	7.3	.8	.5	1.0	21.0	8.3	7.8
Pamlico	10,606	20.7	3.8	.0	.0	.0	47.1	5.7	3.8
Pasquotank	28,759	6.3	2.8	.0	.7	2.1	11.8	8.3	7.0
Pender	23,076	17.3	5.2	.9	1.7	2.6	28.6	15.6	10.4
Perquimans	9,803	14.3	2.0	.0	.0	.0	30.6	8.2	8.2
Person	29,627	12.2	5.4	.0	.0	.0	28.4	22.3	12.2
Pitt	91,640	6.5	7.2	.9	.2	1.5	20.7	14.0	7.4
Polk	13,741	11.6	10.2	.0	.0	1.5	21.8	8.7	7.3
Randolph	94,285	7.8	4.7	.2	.6	1.1	29.9	11.5	6.8
Richmond	45,435	14.1	4.4	.9	.0	1.3	33.0	7.5	18.5
Robeson	103,864	9.2	3.3	.2	.4	1.7	36.6	9.1	16.8
Rockingham	84,338	11.6	3.6	.9	1.4	2.4	30.1	18.0	8.8
Rowan	100,748	10.1	4.2	.0	.4	1.8	26.0	15.9	7.9
Rutherford	55,268	8.3	3.6	.4	1.8	1.4	30.4	9.8	7.2
Sampson	49,927	9.2	5.6	.0	.0	3.6	34.0	14.8	8.4
Scotland	33,020	16.4	4.8	.0	.0	1.8	32.1	7.3	10.9
Stanly	49,054	8.6	3.7	.0	.0	1.6	21.6	14.3	4.9
Stokes	34,036	8.2	1.8	1.2	.0	1.8	31.1	10.0	8.2
Surry	59,878	9.7	5.7	.3	.7	1.3	18.7	16.4	6.0
Swain	10,569	15.1	7.6	.0	.0	5.7	37.8	20.8	20.8
Transylvania	24,351	9.0	8.2	.0	.0	.0	19.7	9.9	3.3
Tyrrell	4,062	9.8	4.9	.0	.0	.0	14.8	14.8	14.8
Union	73,681	5.4	2.7	.0	.5	.8	22.5	14.1	4.1
Vance	37,403	16.0	12.3	1.1	2.7	1.6	24.6	8.0	10.2
Wake	322,543	8.9	4.2	.2	.6	.9	18.4	11.9	8.1
Warren	16,329	7.3	9.8	2.4	.0	.0	31.8	14.7	8.6
Washington	14,657	10.9	4.1	1.4	1.4	1.4	20.5	15.0	4.1
Watauga	32,932	8.5	.0	.6	.0	.6	18.8	15.2	3.0
Wayne	97,969	13.7	5.3	.4	.8	1.8	25.7	11.4	13.9
Wilkes	59,780	7.0	2.0	.7	.7	1.7	26.8	14.4	7.0
Wilson	63,760	17.3	13.2	.3	.6	1.6	34.2	19.4	13.2
Yadkin	28,926	11.8	2.1	.0	.0	.0	28.3	16.6	3.5
Yancey	15,228	7.9	2.6	.0	.0	2.6	26.3	6.6	2.6
North Dakota	672,070	8.8	2.3	.5	.1	.0	19.8	11.2	2.1
Adams	3,584	5.6	11.2	.0	.0	.0	22.3	11.2	.0
Barnes	13,755	13.1	1.5	.0	.0	.0	26.2	7.3	1.5
Benson	7,916	15.2	10.1	.0	.0	.0	48.0	17.7	5.1
Billings	1,211	.0	.0	.0	.0	.0	49.6	.0	.0
Bottineau	9,300	8.6	.0	.0	.0	.0	10.8	17.2	.0
Bowman	4,308	.0	.0	.0	.0	.0	18.6	.0	.0
Burke	3,779	.0	.0	.0	.0	.0	37.0	10.6	.0
Burleigh	57,112	4.2	.7	.7	.0	.0	13.0	10.9	1.8
Cass	91,924	8.5	1.7	.2	.0	.0	11.7	12.0	1.7
Cavalier	7,402	5.4	.0	.0	.0	.0	21.6	10.8	.0
Dickey	7,099	5.6	.0	.0	.0	.0	25.4	5.6	2.8
Divide	3,472	11.5	.0	5.8	.0	.0	11.5	11.5	.0
Dunn	4,902	16.3	.0	4.1	.0	.0	36.7	4.1	4.1
Eddy	3,424	.0	.0	.0	.0	.0	35.0	5.8	.0
Emmons	5,850	.0	.0	.0	.0	.0	17.1	17.1	.0
Foster	4,610	13.0	8.7	.0	.0	.0	21.7	13.0	.0
Golden Valley	2,533	.0	.0	.0	.0	.0	23.7	.0	.0
Grand Forks	67,897	6.5	2.4	.6	.0	.0	10.9	9.4	1.8
Grant	4,274	.0	.0	.0	.0	.0	23.4	4.7	.0
Griggs	3,692	10.8	5.4	.0	.0	.0	10.8	.0	.0
Hettinger	4,184	9.6	9.6	4.8	.0	.0	14.3	9.6	.0

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Onslow	8.3	2.6	2.7	0.5	0.5	14.1	18.5	26.6	23	97	24	100
Orange	8.9	17.7	2.5	1.0	2.8	30.4	26.3	34.6	60	78	83	61
Pamlico	26.4	11.3	3.8	.0	.0	41.5	35.0	53.0	92	15	95	18
Pasquotank	9.7	9.0	1.4	.7	2.1	22.9	18.0	25.3	19	99	64	91
Pender	25.1	14.7	2.6	2.6	7.8	47.7	37.5	54.5	93	10	97	8
Perquimans	18.4	6.1	2.0	.0	2.0	28.6	26.2	40.1	70	62	80	72
Person	17.6	14.9	2.7	.0	.7	35.1	32.5	48.0	87	29	90	40
Pitt	11.1	14.6	2.8	.7	2.2	30.8	27.5	36.9	66	68	84	58
Polk	18.9	33.5	.0	.0	1.5	52.4	30.8	42.2	79	41	98	6
Randolph	11.7	10.2	1.1	.6	2.8	24.6	27.8	38.5	70	61	69	87
Richmond	21.1	13.6	3.1	.4	2.2	38.7	36.4	52.1	92	13	93	28
Robeson	12.7	10.6	2.1	.4	2.3	27.3	34.4	47.8	88	23	77	78
Rockingham	16.6	12.1	2.6	1.4	5.2	34.9	33.4	47.6	87	27	90	41
Rowan	15.1	15.5	1.6	.6	3.2	33.7	28.3	40.7	74	50	88	45
Rutherford	11.9	12.3	3.6	1.8	3.3	29.3	28.8	39.5	73	58	81	68
Sampson	12.8	19.6	2.0	.8	5.2	39.3	34.2	46.9	87	26	94	26
Scotland	20.0	14.5	.6	.0	7.3	39.4	33.4	48.9	88	22	94	25
Stanly	11.8	11.0	1.6	.0	2.9	25.3	23.0	33.3	50	84	71	83
Stokes	14.1	8.8	2.9	.6	2.4	26.4	27.0	38.0	67	67	75	80
Surry	12.7	11.4	3.3	1.7	3.3	29.4	25.9	37.0	64	72	82	67
Swain	20.8	32.2	5.7	.0	5.7	62.4	49.3	68.7	98	1	99	2
Transylvania	11.5	17.2	1.6	.8	.8	31.2	23.7	33.0	51	83	85	54
Tyrrell	19.7	29.5	.0	.0	.0	44.3	25.1	37.0	62	73	96	14
Union	7.3	5.7	.8	.5	4.6	17.1	20.5	29.0	33	94	39	97
Vance	21.4	31.0	7.5	3.7	4.8	63.1	40.9	55.4	95	6	99	1
Wake	13.8	12.3	2.1	.6	2.0	29.0	23.4	33.6	52	82	81	70
Warren	12.2	29.4	3.7	.0	1.2	42.9	35.6	47.0	88	21	96	16
Washington	20.5	15.0	2.7	2.7	2.7	38.2	26.2	37.6	65	71	93	29
Watauga	9.7	1.8	.6	.0	6.1	16.4	17.1	26.8	20	98	35	98
Wayne	18.0	16.1	2.2	1.6	3.7	37.4	33.6	48.1	88	25	92	33
Wilkes	12.4	2.7	1.0	.7	1.7	17.4	25.3	35.7	60	77	41	96
Wilson	22.0	31.1	2.5	1.3	4.7	56.1	47.2	65.8	98	2	98	4
Yadkin	16.6	15.9	1.4	.7	2.1	34.6	23.7	36.6	58	79	89	43
Yancey	13.1	5.3	6.6	.0	9.2	32.8	22.1	30.8	42	89	87	49
North Dakota	12.6	6.2	1.7	.2	.7	20.3	18.1	27.3	-	-	-	-
Adams	16.7	11.2	.0	.0	.0	27.9	25.1	32.4	53	15	78	13
Barnes	17.4	1.5	.0	.0	.0	18.9	19.9	31.4	38	20	47	27
Benson	20.2	32.8	12.6	.0	2.5	60.6	42.4	59.7	96	3	99	2
Billings	.0	.0	.0	.0	.0	.0	20.8	26.3	28	25	...	...
Bottineau	17.2	2.2	.0	.0	.0	19.4	11.5	20.2	3	44	49	26
Bowman	.0	13.9	13.9	.0	.0	27.9	7.8	9.8	0	53	78	14
Burke	5.3	5.3	.0	.0	.0	10.6	17.7	23.6	14	29	10	40
Burleigh	6.3	2.1	.7	.0	1.1	9.1	11.6	17.4	2	46	6	43
Cass	12.2	7.0	1.5	.2	.9	19.8	13.6	21.8	6	38	51	25
Cavalier	5.4	8.1	.0	.0	.0	13.5	13.5	20.6	4	42	22	34
Dickey	5.6	5.6	.0	.0	.0	11.3	15.4	22.7	9	34	12	39
Divide	17.3	.0	5.8	.0	.0	23.0	17.6	27.1	22	26	64	20
Dunn	20.4	.0	4.1	.0	4.1	28.6	28.9	43.2	78	8	80	12
Eddy	.0	.0	.0	.0	.0	.0	15.9	20.7	7	36	...	...
Emmons	3.4	3.4	.0	.0	.0	6.8	10.6	15.4	1	48	2	47
Foster	13.0	13.0	.0	.0	.0	26.0	25.7	37.4	64	10	73	15
Golden Valley	.0	.0	.0	.0	.0	.0	10.0	12.6	0	51	...	...
Grand Forks	10.0	7.1	1.2	.0	.6	18.6	12.9	19.5	3	43	46	29
Grant	.0	.0	.0	.0	.0	.0	10.8	14.1	0	50	...	...
Griggs	10.8	10.8	.0	.0	.0	16.3	14.4	21.5	6	37	34	31
Hettinger	14.3	14.3	4.8	.0	.0	33.5	26.2	34.6	59	12	88	9

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Kidder............	3,840	10.4	10.4	0.0	0.0	0.0	0.0	0.0	0.0
La Moure..........	6,333	.0	.0	.0	.0	.0	50.5	3.2	.0
Logan.............	3,395	29.5	.0	.0	.0	.0	5.9	17.7	.0
McHenry...........	7,783	18.0	2.6	.0	.0	.0	25.7	7.7	.0
McIntosh..........	4,674	8.6	.0	.0	.0	.0	12.8	21.4	4.3
McKenzie..........	8,068	17.4	.0	.0	2.5	.0	52.1	22.3	2.5
McLean............	12,572	8.0	8.0	.0	.0	.0	20.7	8.0	1.6
Mercer............	12,242	3.3	.0	.0	.0	.0	18.0	16.3	.0
Morton............	25,525	5.5	2.4	.0	.0	.0	14.9	13.3	.8
Mountrail.........	7,957	17.6	2.5	2.5	.0	.0	52.8	20.1	2.5
Nelson............	5,140	11.7	3.9	.0	.0	.0	19.5	7.8	3.9
Oliver............	2,625	7.6	.0	.0	.0	.0	22.9	15.2	.0
Pembina...........	10,414	13.4	1.9	.0	.0	.0	21.1	5.8	3.8
Pierce............	6,094	6.6	.0	.0	.0	.0	26.3	19.7	3.3
Ramsey............	13,011	18.4	.0	.0	.0	.0	20.0	6.1	4.6
Ransom............	6,601	6.1	.0	.0	.0	.0	21.2	12.1	.0
Renville..........	3,637	.0	.0	.0	.0	.0	16.5	5.5	5.5
Richland..........	19,350	13.4	.0	.0	.0	.0	18.6	3.1	1.0
Rolette...........	12,809	25.0	6.2	.0	.0	.0	39.0	12.5	12.5
Sargent...........	5,421	.0	3.7	3.7	.0	.0	40.6	18.4	.0
Sheridan..........	2,783	7.2	.0	.0	.0	.0	50.3	14.4	7.2
Sioux.............	3,683	76.0	38.0	16.3	.0	.0	43.4	21.7	27.2
Slope.............	1,192	16.8	16.8	.0	.0	.0	33.6	.0	.0
Stark.............	25,608	7.0	.0	.8	.0	.0	21.9	13.3	3.9
Steele............	3,032	.0	.0	.0	.0	.0	13.2	13.2	.0
Stutsman..........	23,879	10.9	7.5	.0	.0	.8	20.1	15.1	3.4
Towner............	4,223	4.7	.0	.0	.0	.0	18.9	23.7	.0
Traill............	9,665	8.3	2.1	.0	.0	.0	6.2	12.4	.0
Walsh.............	15,696	10.2	5.1	.0	.0	.0	24.2	19.1	1.3
Ward..............	60,511	7.9	1.0	.3	.3	.0	17.8	10.9	1.7
Wells.............	6,937	5.8	.0	.0	.0	.0	23.1	11.5	5.8
Williams..........	25,144	7.2	3.2	.8	.0	.0	35.0	7.2	1.6
Ohio...............	10,767,455	10.5	1.2	.3	.1	.0	17.3	11.9	6.1
Adams.............	24,353	4.1	.0	1.6	.0	.0	36.1	18.1	3.3
Allen.............	110,685	8.7	1.1	.0	.0	.0	19.3	9.2	6.3
Ashland...........	46,187	10.4	.4	.0	.0	.4	17.8	10.0	2.2
Ashtabula.........	102,592	9.9	1.4	.0	.0	.0	25.9	12.5	5.5
Athens............	56,787	6.3	.0	.4	.0	.0	16.9	8.5	1.1
Auglaize..........	42,967	4.2	1.9	.0	.0	.0	19.1	8.4	1.9
Belmont...........	81,804	10.0	1.2	.0	.2	.0	16.4	9.3	1.5
Brown.............	32,947	6.7	.6	1.2	.0	.0	21.2	16.4	3.0
Butler............	261,963	7.9	1.5	.2	.2	.2	17.0	13.9	5.0
Carroll...........	26,108	6.1	.0	.0	.0	.0	23.0	7.7	1.5
Champaign.........	33,618	3.0	.6	.0	.0	.0	23.8	10.7	1.8
Clark.............	148,385	12.8	.9	.3	.3	.0	16.0	14.8	4.6
Clermont..........	132,546	4.7	.2	.2	.0	.0	23.4	11.8	3.3
Clinton...........	34,601	6.4	.6	.0	.0	.0	24.3	12.7	3.5
Columbiana........	112,586	11.5	.7	.0	.2	.0	21.0	8.9	4.1
Coshocton.........	36,020	12.2	1.7	.0	.6	.0	30.5	15.0	2.8
Crawford..........	49,635	8.1	.8	.4	.0	.0	25.8	8.5	1.6
Cuyahoga..........	1,479,174	17.8	1.5	.6	.1	.1	14.8	14.9	15.6
Darke.............	54,451	5.9	.4	.0	.4	.0	30.9	14.3	2.2
Defiance..........	39,224	5.1	1.5	.0	.0	.0	28.6	10.7	2.5
Delaware..........	55,476	9.0	.7	.0	.0	.0	22.7	9.7	.4
Erie..............	78,061	12.8	2.6	1.0	.0	.0	26.4	10.2	3.1
Fairfield.........	94,501	4.7	.8	.2	.2	.0	18.6	10.2	2.8
Fayette...........	27,491	6.5	.7	.0	.0	.0	23.3	3.6	.7

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Kidder	15.6	10.4	5.2	0.0	0.0	31.3	14.7	20.3	5	40	85	11
La Moure	.0	3.2	.0	.0	.0	3.2	21.9	28.0	34	22	0	48
Logan	47.1	.0	.0	.0	.0	47.1	18.1	37.6	49	17	97	4
McHenry	18.0	5.1	.0	.0	.0	23.1	22.3	36.1	55	14	64	19
McIntosh	25.7	.0	.0	.0	.0	25.7	15.2	25.6	14	30	72	16
McKenzie	24.8	2.5	7.4	2.5	.0	37.2	37.1	56.4	94	5	92	6
McLean	15.9	11.1	.0	.0	3.2	25.5	22.2	30.4	41	19	72	17
Mercer	9.8	.0	.0	.0	.0	9.8	12.2	18.7	2	45	7	41
Morton	8.6	6.3	1.6	.8	.0	16.5	13.9	20.9	5	41	36	30
Mountrail	27.6	12.6	10.1	2.5	7.5	57.8	39.6	58.8	95	4	98	3
Nelson	15.6	3.9	3.9	.0	.0	23.3	20.2	30.7	37	21	65	18
Oliver	7.6	.0	.0	.0	.0	7.6	15.8	25.0	13	31	3	44
Pembina	15.4	5.8	.0	.0	.0	21.1	19.3	30.5	34	23	57	24
Pierce	9.8	3.3	.0	.0	.0	13.1	19.2	29.5	31	24	20	37
Ramsey	26.1	9.2	3.1	1.5	1.5	36.9	19.4	33.3	41	18	92	7
Ransom	15.1	.0	.0	.0	.0	15.1	13.8	21.5	6	39	30	32
Renville	.0	.0	.0	.0	.0	.0	10.6	14.3	0	49	...	...
Richland	17.6	2.1	1.0	.0	1.0	21.7	14.4	24.4	10	33	60	21
Rolette	26.5	15.6	1.6	.0	.0	42.2	41.3	63.3	97	2	95	5
Sargent	.0	3.7	3.7	.0	.0	7.4	28.1	35.7	65	9	3	45
Sheridan	7.2	.0	.0	.0	.0	7.2	30.3	43.4	80	7	2	46
Sioux	97.7	48.9	16.3	.0	5.4	157.5	120.8	175.0	99	1	99	1
Slope	16.8	16.8	.0	.0	.0	33.6	37.8	50.5	92	6	88	8
Stark	10.2	3.1	.8	.8	.0	13.3	17.3	26.5	20	27	21	35
Steele	.0	13.2	.0	.0	.0	13.2	8.2	11.9	0	52	20	36
Stutsman	11.7	17.6	3.4	.0	.8	31.8	25.9	37.1	64	11	86	10
Towner	9.5	.0	.0	.0	.0	9.5	14.6	23.3	9	35	6	42
Traill	12.4	6.2	.0	.0	.0	18.6	10.6	17.8	1	47	46	28
Walsh	12.7	6.4	1.3	.0	1.3	21.7	23.9	35.5	57	13	59	22
Ward	11.2	2.3	.3	.3	.3	14.9	15.4	23.7	11	32	28	33
Wells	8.6	.0	2.9	.0	.0	11.5	17.1	25.7	18	28	13	38
Williams	11.9	6.4	4.0	.0	.8	21.5	23.8	33.0	51	16	59	23
Ohio	16.6	3.7	1.5	.2	.8	22.2	18.5	29.1	-	-	-	-
Adams	8.2	3.3	4.1	.8	1.6	19.7	23.7	33.5	52	8	51	32
Allen	14.6	2.2	.0	.0	.0	16.4	17.6	27.0	22	43	36	49
Ashland	13.4	3.0	.9	.4	2.2	19.5	15.6	25.2	14	60	50	33
Ashtabula	15.6	2.7	.2	.0	.2	18.3	21.4	32.7	45	10	45	37
Athens	9.9	1.1	.7	.0	1.1	13.0	12.2	19.1	3	83	19	67
Auglaize	7.9	4.7	.0	.0	.5	13.0	14.1	20.2	5	81	20	66
Belmont	17.4	3.4	.2	.2	.2	21.0	15.0	24.0	11	67	57	25
Brown	9.7	2.4	1.2	.0	.0	14.0	18.2	27.4	24	37	24	60
Butler	12.4	4.4	2.2	.2	.3	19.0	17.5	26.9	21	46	48	34
Carroll	9.2	1.5	.8	.0	.0	11.5	14.4	21.8	7	75	13	78
Champaign	8.9	1.8	.6	.0	.6	11.3	14.8	21.1	7	76	12	80
Clark	19.5	3.1	.9	.4	.0	24.0	18.6	30.6	33	23	68	14
Clermont	7.8	1.4	2.0	.0	.5	11.6	16.0	23.6	12	66	13	76
Clinton	14.5	3.5	2.9	.0	1.2	22.5	17.6	26.4	20	47	62	19
Columbiana	18.1	4.8	3.0	.2	.5	26.3	18.1	28.9	27	32	74	9
Coshocton	21.1	2.8	.6	.6	.6	25.5	24.4	37.3	61	3	72	10
Crawford	16.5	2.8	.8	.4	.8	20.5	17.8	26.7	22	44	54	28
Cuyahoga	27.2	4.3	1.0	.3	.6	33.0	26.0	42.5	73	1	87	1
Darke	9.5	1.5	1.1	.7	.4	13.2	20.0	29.4	33	22	20	65
Defiance	8.2	3.6	1.0	.0	.5	13.3	19.0	27.1	25	36	20	64
Delaware	10.8	2.9	.7	.0	.4	14.1	16.1	25.2	14	59	24	58
Erie	20.5	5.6	5.1	.3	.3	31.0	23.4	35.5	56	6	84	2
Fairfield	8.5	1.5	.4	.2	1.3	11.9	14.3	21.1	6	78	14	74
Fayette	8.7	1.5	.7	.0	1.5	12.4	14.3	21.1	6	79	17	71

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Franklin..........	884,643	8.9	2.1	0.1	0.1	0.2	11.0	10.6	2.9
Fulton............	37,996	3.7	.0	.5	.0	.0	37.4	10.0	1.6
Gallia............	29,908	11.4	.7	.7	.0	.0	24.1	12.7	2.7
Geauga............	74,383	6.2	1.1	.0	.0	.0	21.5	10.5	2.4
Greene............	129,508	6.9	1.5	.0	.0	.2	17.1	9.3	2.2
Guernsey..........	41,368	6.8	.0	.0	.0	.0	23.7	13.5	2.9
Hamilton..........	870,282	11.7	2.8	.6	.1	.0	11.9	13.6	6.7
Hancock...........	65,184	6.4	.3	.0	.0	.0	21.2	12.9	3.1
Hardin............	32,077	5.0	.6	1.2	.0	.0	25.6	9.4	1.9
Harrison..........	17,396	10.3	1.1	.0	.0	.0	23.0	13.8	1.1
Henry.............	28,380	9.2	.0	.0	.0	.0	41.6	11.3	2.1
Highland..........	33,913	8.3	.6	.0	.0	.0	25.4	18.9	2.9
Hocking...........	24,429	13.9	1.6	.0	.0	.0	13.9	17.2	3.3
Holmes............	30,116	2.7	.0	.0	.0	.0	21.9	8.6	.7
Huron.............	54,714	9.5	.4	.4	.0	.0	26.3	13.2	1.1
Jackson...........	30,406	7.9	1.3	.0	.0	.0	22.4	6.6	2.0
Jefferson.........	88,986	12.8	1.1	.0	.4	.2	14.4	11.0	3.8
Knox..............	46,991	6.8	.4	.4	.0	.0	16.6	13.2	.9
Lake..............	213,138	9.6	.6	.1	.0	.0	17.5	12.2	2.6
Lawrence..........	63,153	11.1	.3	.3	.0	.0	16.5	8.2	5.1
Licking...........	122,700	7.8	1.1	.3	.2	.0	15.8	12.1	2.4
Logan.............	39,362	12.7	3.6	.5	.0	.0	30.0	15.8	2.0
Lorain............	272,219	9.4	.5	.3	.1	.0	17.3	11.5	5.3
Lucas.............	467,084	13.7	1.3	.1	.2	.0	18.1	15.5	9.3
Madison...........	33,878	5.9	.6	.6	.0	.0	24.8	11.2	1.2
Mahoning..........	284,290	13.6	1.6	.3	.1	.0	14.1	12.5	11.0
Marion............	66,929	9.3	.9	.0	.0	.0	20.9	10.2	4.2
Medina............	114,207	5.4	.5	.4	.0	.2	16.6	12.1	1.8
Meigs.............	23,538	11.0	3.4	.0	.0	.0	23.8	20.4	4.2
Mercer............	38,537	8.3	.0	.0	.0	.0	28.5	8.8	2.6
Miami.............	89,629	6.5	.9	.4	.0	.0	22.1	9.8	4.0
Monroe............	16,887	8.3	1.2	.0	.0	.0	20.1	18.9	5.9
Montgomery........	567,015	11.0	1.0	.2	.1	.0	16.3	10.5	11.4
Morgan............	14,172	2.8	2.8	.0	.0	.0	22.6	18.3	1.4
Morrow............	26,776	3.0	.7	.0	.0	.0	17.2	9.7	1.5
Muskingum.........	83,881	10.7	3.1	.0	.2	.0	17.6	10.5	3.3
Noble.............	11,277	7.1	.0	.0	.0	.0	23.1	7.1	.0
Ottawa............	39,961	7.5	1.5	.0	.0	.0	22.5	7.5	2.5
Paulding..........	21,017	2.9	.0	.0	.0	.0	41.9	6.7	1.9
Perry.............	31,280	7.7	1.3	.0	.0	.0	26.2	10.9	1.9
Pickaway..........	43,572	3.2	.9	.5	.0	.0	23.4	9.2	2.3
Pike..............	24,051	5.8	2.5	.0	.0	.0	27.4	15.0	2.5
Portage...........	136,174	6.0	.3	.0	.0	.0	20.9	10.1	2.9
Preble............	38,381	8.9	.0	.0	.0	.0	28.7	12.5	5.2
Putnam............	33,498	8.4	.0	.0	.0	.0	32.2	9.0	.6
Richland..........	129,763	11.6	1.1	.3	.2	.0	19.3	11.3	4.6
Ross..............	66,298	10.6	.9	.0	.0	.0	23.8	8.7	1.5
Sandusky..........	62,676	6.4	.3	.0	.0	.0	32.2	7.3	3.8
Scioto............	84,307	10.9	.7	.7	.0	.2	17.8	12.8	6.4
Seneca............	61,856	6.8	.3	.0	.0	.0	23.3	10.0	3.2
Shelby............	43,334	4.2	.0	.5	.0	.0	16.2	9.7	3.2
Stark.............	376,571	8.6	.5	.4	.1	.1	18.0	11.4	5.2
Summit............	517,220	10.2	1.0	.1	.1	.0	7.2	8.7	1.6
Trumbull..........	238,307	11.3	.6	.1	.0	.1	18.6	10.0	5.5
Tuscarawas........	85,097	9.4	1.2	.5	.0	.2	23.7	14.3	2.8
Union.............	30,141	2.7	.7	.0	.0	.0	29.2	9.3	.7
Van Wert..........	30,133	6.6	.7	.0	.0	.0	23.2	10.6	4.0
Vinton............	11,475	10.5	.0	.0	.0	.0	19.2	17.4	8.7
Warren............	100,826	6.3	.2	1.0	.2	.0	21.6	9.3	2.4
Washington........	64,422	10.6	.3	.6	.0	.0	22.7	9.3	1.2

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Franklin	14.2	5.1	0.5	0.2	1.0	19.9	14.2	22.5	7	74	52	30
Fulton	5.8	.0	.5	.0	.5	6.8	20.5	28.5	32	24	2	86
Gallia	16.7	.7	1.3	.0	.0	18.7	19.9	31.3	38	14	47	35
Geauga	9.9	1.6	.0	.0	.0	11.6	15.9	23.8	12	65	13	77
Greene	11.4	6.2	3.6	.3	.5	21.2	14.6	22.2	7	73	57	24
Guernsey	12.6	1.5	.0	.0	.0	14.0	16.8	25.9	17	52	24	59
Hamilton	17.9	6.5	4.0	.1	.2	28.4	19.2	30.3	33	20	79	7
Hancock	9.8	3.1	1.5	.0	.6	14.4	15.9	24.4	13	63	26	57
Hardin	6.9	2.5	1.2	.0	.0	10.6	17.4	24.8	16	55	10	81
Harrison	12.6	3.4	1.1	.0	.0	17.2	18.3	29.0	28	31	40	42
Henry	16.2	.0	1.4	.0	.7	18.3	24.5	36.3	59	5	45	38
Highland	10.6	3.5	1.2	.0	.6	16.5	19.8	30.7	36	15	36	48
Hocking	18.8	6.5	1.6	.0	.0	27.0	18.2	30.7	32	25	76	8
Holmes	4.0	2.0	.7	.0	.0	6.0	12.3	17.8	2	85	1	87
Huron	14.6	2.6	.4	.0	.4	17.2	18.8	29.3	30	28	39	43
Jackson	13.8	3.9	1.3	.7	.0	19.7	16.2	24.4	13	62	51	31
Jefferson	20.5	3.4	.4	1.1	5.8	30.6	17.1	28.1	23	41	83	3
Knox	12.8	.9	1.3	.0	.0	14.9	13.7	21.5	6	80	28	55
Lake	15.1	2.1	.4	.0	.0	17.2	15.6	25.2	14	61	39	44
Lawrence	14.9	1.6	1.3	.0	1.0	18.7	16.1	26.2	17	54	47	36
Licking	13.5	2.9	1.1	.2	.0	17.0	15.0	23.5	9	69	38	45
Logan	15.8	5.1	1.0	.0	.0	21.8	26.0	39.1	67	2	60	21
Lorain	14.5	1.6	.7	.1	.4	16.9	16.8	26.7	19	48	38	46
Lucas	22.7	3.7	1.7	.3	3.2	30.4	22.3	35.9	54	7	83	4
Madison	10.0	1.2	.6	.0	.6	12.4	16.8	24.8	15	57	17	70
Mahoning	22.2	4.7	1.5	.1	.7	28.5	21.1	34.0	47	9	79	6
Marion	17.9	3.3	1.2	.3	3.3	24.8	17.5	27.2	22	42	70	11
Medina	9.5	.9	.4	.0	.5	11.4	13.5	20.6	5	82	12	79
Meigs	18.7	7.6	1.7	.0	3.4	29.7	24.0	36.8	60	4	82	5
Mercer	13.0	1.0	.5	.5	.5	15.1	18.4	27.9	26	34	29	54
Miami	12.5	1.6	1.1	.2	.9	16.3	17.1	25.4	17	53	35	50
Monroe	13.0	1.2	.0	.0	2.4	15.4	19.6	30.5	35	18	30	52
Montgomery	18.0	3.9	1.6	.2	.1	23.2	20.1	31.6	39	13	65	16
Morgan	11.3	4.2	.0	.0	.0	15.5	17.8	25.2	18	50	31	51
Morrow	6.7	.7	.0	.0	.0	7.5	11.8	17.2	2	88	3	84
Muskingum	17.9	6.2	.7	.2	.0	24.3	18.8	28.9	30	30	69	13
Noble	8.9	.0	1.8	.0	1.8	12.4	14.0	21.6	6	77	17	69
Ottawa	13.5	2.0	.5	.0	.5	16.5	16.7	24.9	16	56	36	47
Paulding	6.7	1.9	1.0	.0	1.0	10.5	21.0	28.6	33	19	10	82
Perry	12.8	3.2	.6	.0	1.3	17.3	18.5	27.7	26	35	40	41
Pickaway	6.0	.9	.5	.0	.0	7.3	15.4	21.7	8	71	3	85
Pike	12.5	4.2	2.5	.0	.8	20.0	20.6	29.7	35	17	52	29
Portage	11.0	1.2	.6	.1	1.2	13.8	14.9	22.7	8	70	23	61
Preble	12.0	1.6	1.0	.0	.5	15.1	20.6	31.6	40	11	29	53
Putnam	10.7	.6	.0	.0	1.2	11.9	19.0	28.7	30	29	15	73
Richland	17.0	5.7	1.2	.2	1.5	24.7	18.8	29.9	31	26	69	12
Ross	15.1	.9	.0	.0	1.8	17.8	17.7	27.8	24	38	43	39
Sandusky	10.8	2.2	1.3	.0	1.3	14.7	19.7	28.6	31	27	27	56
Scioto	17.1	4.0	.7	.7	.5	23.2	19.2	30.3	33	21	65	15
Seneca	12.6	4.2	4.8	.0	1.6	22.3	16.4	24.9	15	58	61	20
Shelby	9.7	1.4	.9	.0	.5	12.0	12.4	18.6	3	84	15	72
Stark	13.1	3.1	4.8	.2	.3	20.9	16.9	26.3	19	49	56	26
Summit	15.9	3.2	1.0	.2	1.2	20.9	10.9	19.0	2	86	56	27
Trumbull	17.5	2.9	.2	.0	.4	21.5	17.8	28.6	26	33	59	23
Tuscarawas	14.8	5.4	1.2	.5	3.1	22.8	19.9	30.5	36	16	63	17
Union	4.6	.7	.0	.7	.0	6.0	16.2	22.5	10	68	1	88
Van Wert	10.6	.7	.0	.0	1.3	12.6	17.1	25.8	18	51	18	68
Vinton	12.2	7.0	.0	.0	3.5	22.7	19.9	32.1	40	12	63	18
Warren	9.3	1.6	2.4	.2	.4	13.3	16.1	23.9	12	64	21	62
Washington	16.8	1.9	1.6	.0	2.8	21.7	17.2	27.2	21	45	60	22

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Wayne	98,701	2.8	1.2	0.2	0.0	0.0	18.2	8.5	0.8
Williams	36,284	7.2	1.1	.0	.6	.0	27.6	10.5	.0
Wood	107,984	5.0	.0	.0	.2	.2	23.5	8.7	2.0
Wyandot	22,614	7.1	.9	.0	.0	.0	25.6	11.5	2.7
Oklahoma	3,189,268	9.2	3.3	.4	.1	.2	28.3	13.5	9.0
Adair	19,181	12.5	2.1	.0	.0	.0	54.2	4.2	3.1
Alfalfa	7,167	14.0	2.8	.0	.0	.0	39.1	11.2	2.8
Atoka	13,340	6.0	.0	.0	.0	.0	57.0	6.0	12.0
Beaver	7,106	.0	.0	.0	.0	.0	42.2	11.3	8.4
Beckham	22,247	9.0	.9	2.7	.0	.9	30.6	13.5	14.4
Blaine	13,979	35.8	12.9	.0	.0	.0	64.4	8.6	15.7
Bryan	31,665	11.4	2.5	.0	.0	.0	32.8	13.3	10.7
Caddo	33,033	23.6	3.0	.6	.6	.0	49.6	9.1	10.9
Canadian	63,810	8.5	.6	.0	.0	.6	26.0	15.0	6.9
Carter	45,736	7.0	6.6	1.3	.0	.0	27.1	14.9	13.1
Cherokee	32,523	8.0	1.2	.0	.0	.0	26.4	11.7	11.1
Choctaw	16,879	15.4	5.9	.0	.0	.0	30.8	5.9	14.2
Cimarron	3,834	5.2	.0	.0	.0	.0	57.4	5.2	10.4
Cleveland	146,160	4.5	1.8	.4	.0	.0	23.5	12.6	2.6
Coal	6,076	6.6	6.6	.0	.0	6.6	29.6	23.0	13.2
Comanche	118,640	8.4	4.2	.2	.0	.3	19.6	11.3	10.6
Cotton	7,217	5.5	2.8	2.8	.0	.0	19.4	13.9	8.3
Craig	15,302	13.1	1.3	.0	.0	.0	39.2	18.3	7.8
Creek	64,377	7.1	1.9	.3	.0	.6	28.0	10.3	8.4
Custer	29,249	11.6	6.8	2.1	.0	.0	36.2	8.2	4.8
Delaware	26,061	8.4	3.1	.0	1.5	.0	29.9	13.0	4.6
Dewey	6,333	12.6	9.5	.0	.0	.0	44.2	18.9	3.2
Ellis	6,033	.0	.0	.0	.0	.0	29.8	16.6	3.3
Garfield	64,601	7.7	1.9	.6	.0	.3	29.1	12.4	8.7
Garvin	29,342	15.0	4.1	.7	.0	.7	38.9	12.3	4.1
Grady	42,754	4.2	3.7	.0	.0	.0	35.6	15.9	6.5
Grant	6,689	9.0	.0	.0	.0	.0	17.9	9.0	3.0
Greer	7,128	8.4	2.8	.0	.0	.0	33.7	19.6	2.8
Harmon	4,645	8.6	.0	.0	.0	4.3	47.4	17.2	4.3
Harper	4,845	8.3	4.1	.0	.0	.0	99.1	20.6	4.1
Haskell	11,480	15.7	3.5	.0	.0	.0	34.8	7.0	5.2
Hughes	14,740	10.9	.0	.0	1.4	.0	19.0	14.9	10.9
Jackson	30,921	10.3	1.9	.0	.0	.6	30.4	8.4	7.8
Jefferson	8,247	4.8	4.8	.0	.0	.0	46.1	7.3	4.8
Johnston	10,705	7.5	3.7	.0	.0	.0	41.1	9.3	13.1
Kay	51,862	5.4	5.4	.4	.4	.0	31.2	12.7	4.6
Kingfisher	15,444	9.1	.0	1.3	.0	.0	41.4	13.0	5.2
Kiowa	12,940	9.3	7.7	.0	.0	.0	35.5	15.5	6.2
Latimer	10,093	15.9	2.0	.0	.0	.0	25.8	13.9	9.9
Le Flore	42,278	12.8	3.3	.5	.0	.0	34.1	11.4	7.6
Lincoln	28,337	3.5	.7	.0	.0	.0	36.7	13.4	4.9
Logan	29,107	4.1	1.4	.7	.0	.0	26.8	15.1	6.2
Love	7,798	12.8	2.6	.0	.0	.0	48.7	12.8	12.8
McClain	22,554	5.3	.9	2.7	.0	.0	31.0	11.5	1.8
McCurtain	36,453	15.4	2.7	.5	.0	.0	46.1	9.3	21.9
McIntosh	16,499	9.7	3.6	2.4	.0	.0	42.4	10.9	8.5
Major	9,258	8.6	.0	.0	.0	.0	36.7	6.5	.0
Marshall	11,092	10.8	7.2	.0	.0	.0	32.5	7.2	10.8
Mayes	34,015	7.1	.6	.0	.0	.0	41.7	9.4	7.1
Murray	12,809	10.9	9.4	.0	.0	.0	28.1	20.3	1.6
Muskogee	68,927	9.3	3.5	.0	.3	.0	27.0	12.2	10.4

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Wayne	6.9	3.6	0.8	0.0	0.8	11.8	12.3	17.4	2	87	14	75
Williams	11.6	6.6	.0	.6	.0	17.6	18.3	26.9	23	40	42	40
Wood	8.1	.4	.7	.2	.9	9.8	15.0	22.1	8	72	7	83
Wyandot	10.6	1.8	.9	.0	.0	13.3	18.1	27.2	23	39	21	63
Oklahoma	13.2	7.2	1.6	.2	.4	22.0	26.6	38.5	-	-	-	-
Adair	14.6	4.2	2.1	.0	.0	19.8	32.3	46.3	85	18	51	45
Alfalfa	19.5	5.6	5.6	.0	.0	30.7	28.5	42.7	77	35	84	16
Atoka	12.0	1.5	1.5	.0	.0	16.5	33.2	45.8	85	17	36	58
8eaver	2.8	.0	.0	.0	.0	2.8	24.0	31.9	49	60	0	77
8eckham	13.5	3.6	5.4	.0	.9	23.4	30.5	43.4	80	29	65	33
8laine	42.9	21.5	4.3	.0	.0	61.5	63.7	94.2	99	1	99	1
Bryan	13.3	8.2	1.3	.0	.0	23.4	28.7	42.5	77	33	65	34
Caddo	30.9	10.9	2.4	.6	.0	41.8	41.7	63.3	97	4	95	3
Canadian	9.1	3.4	1.9	.0	.6	15.0	21.9	33.1	47	61	29	65
Carter	10.5	12.2	4.4	.0	.4	27.1	31.3	42.8	80	28	76	24
Cherokee	11.1	2.5	.6	.0	1.2	16.0	23.2	34.2	53	56	33	60
Choctaw	22.5	11.8	.0	.0	.0	34.4	33.0	48.2	87	14	89	11
Cimarron	5.2	5.2	.0	.0	5.2	15.7	32.2	44.0	83	23	31	62
Cleveland	6.7	3.7	1.6	.1	.1	12.2	17.7	25.3	18	72	16	69
Coal	16.5	9.9	.0	.0	6.6	32.9	39.1	52.1	93	8	87	15
Comanche	12.3	9.1	1.7	.2	.5	22.4	23.6	34.1	53	55	62	37
Cotton	11.1	2.8	5.5	.0	.0	19.4	22.6	31.5	45	63	49	47
Craig	17.0	5.2	.0	.0	.0	22.2	30.5	46.3	83	21	61	39
Creek	10.6	5.3	.9	.0	.6	16.8	23.5	33.6	52	57	37	57
Custer	18.5	10.3	5.5	.0	1.4	33.5	32.8	45.2	84	19	88	14
Delaware	12.3	10.7	.8	1.5	.0	23.8	25.4	36.3	61	50	67	31
Dewey	22.1	12.6	.0	.0	.0	34.7	38.5	53.9	93	7	89	10
Ellis	.0	.0	3.3	.0	.0	3.3	17.4	24.1	15	74	0	76
Garfield	11.8	5.9	1.2	.0	.3	18.9	24.7	35.7	59	53	47	50
Garvin	20.4	8.2	2.0	.0	.7	29.3	32.3	47.4	86	16	81	18
Grady	8.9	10.3	2.8	.0	.0	21.5	26.7	36.7	64	47	59	41
Grant	14.9	9.0	.0	.0	.0	23.9	14.4	23.3	8	75	67	30
Greer	22.4	5.6	5.6	2.8	.0	36.5	25.6	37.7	64	46	91	6
Harmon	17.2	21.5	.0	.0	4.3	38.8	33.2	46.7	86	15	93	4
Harper	16.5	8.3	.0	.0	.0	20.6	55.2	74.8	98	2	55	43
Haskell	24.4	13.9	.0	.0	.0	34.8	28.4	42.8	77	34	89	9
Hughes	13.6	12.2	.0	1.4	2.7	24.4	21.9	34.2	49	59	69	29
Jackson	11.0	4.5	.6	.0	.6	15.5	24.9	36.6	61	51	31	63
Jefferson	9.7	9.7	.0	.0	.0	19.4	29.9	39.7	75	37	49	46
Johnston	13.1	11.2	.0	1.9	1.9	28.0	32.1	44.4	83	22	78	22
Kay	8.9	14.3	2.3	.4	.0	25.5	26.2	35.5	62	49	72	28
Kingfisher	13.0	1.3	2.6	1.3	.0	16.8	27.4	40.0	72	43	38	56
Kiowa	17.0	17.0	3.1	.0	.0	38.6	32.5	45.1	84	20	93	5
Latimer	21.8	7.9	.0	.0	.0	27.7	26.7	42.2	74	38	78	23
Le Flore	16.6	11.8	2.4	.0	.0	28.4	29.2	43.0	78	32	79	21
Lincoln	8.5	2.8	.7	.0	.0	11.3	22.6	31.6	45	62	12	72
Logan	10.3	4.1	1.4	.0	.0	16.5	20.9	29.7	37	68	36	59
Love	12.8	5.1	.0	.0	.0	18.0	36.9	53.5	93	9	43	53
McClain	9.8	3.5	3.5	.0	.9	16.8	21.9	30.5	41	67	38	55
McCurtain	20.3	6.0	1.6	.0	.0	28.5	41.1	59.8	96	5	80	20
McIntosh	14.5	7.3	3.6	.0	.0	25.5	34.0	47.2	87	13	72	27
Major	8.6	.0	.0	.0	.0	8.6	20.3	30.1	36	69	5	73
Marshall	16.2	10.8	1.8	.0	.0	28.8	31.8	44.3	83	24	80	19
Mayes	10.0	4.1	.6	.0	.0	14.1	26.2	37.4	65	45	24	67
Murray	15.6	18.7	1.6	.0	.0	34.4	30.4	43.2	80	30	89	12
Muskogee	13.6	8.7	.6	.3	.3	23.2	26.3	38.1	66	44	65	35

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Noble............	11,801	8.5	0.0	0.0	0.0	0.0	47.5	22.0	3.4
Nowata............	11,480	5.2	1.7	.0	.0	.0	26.1	7.0	12.2
Okfuskee..........	11,625	8.6	.0	1.7	.0	1.7	29.2	15.5	12.0
Oklahoma..........	603,243	10.4	5.1	.6	.3	.4	24.1	16.6	14.1
Okmulgee..........	40,011	15.0	3.0	.0	.0	.0	29.5	12.5	12.5
Osage............	40,735	9.8	4.4	.0	.0	.0	27.5	10.3	7.4
Ottawa............	33,564	7.2	.6	.0	.0	.0	41.7	10.7	3.6
Pawnee............	16,296	9.8	3.7	.0	.0	.0	36.8	16.0	3.7
Payne............	64,377	4.3	1.2	.6	.0	.0	17.1	9.9	2.8
Pittsburg.........	42,262	10.9	11.8	.0	.5	.0	40.7	15.1	8.5
Pontotoc..........	33,976	14.7	2.4	.0	.0	.0	34.7	15.3	7.7
Pottawatomie......	58,958	10.2	3.4	1.0	.0	.0	30.2	13.6	9.5
Pushmataha........	11,922	16.8	5.0	.0	.0	.0	52.0	13.4	15.1
Roger Mills.......	5,465	3.7	.0	3.7	.0	.0	51.2	22.0	7.3
Rogers............	50,983	5.1	.4	.8	.0	.0	23.5	11.4	3.5
Seminole..........	28,381	12.0	3.5	2.1	.7	.7	42.3	10.6	7.8
Sequoyah..........	32,436	6.2	1.2	.0	.0	.0	30.2	8.6	8.6
Stephens..........	44,780	6.7	3.6	.9	.0	.0	33.1	14.7	9.4
Texas............	18,120	4.4	4.4	.0	.0	.0	45.3	15.5	1.1
Tillman...........	12,055	10.0	1.7	.0	.0	.0	44.8	16.6	14.9
Tulsa............	493,191	9.4	2.7	.0	.1	.1	19.7	15.3	9.0
Wagoner...........	45,961	3.5	2.2	.0	.0	.0	27.4	12.2	5.2
Washington........	48,251	10.8	2.5	.0	.0	.0	19.9	14.1	5.4
Washita...........	14,678	1.4	1.4	.0	.0	.0	31.3	5.5	6.8
Woods............	10,886	7.3	.0	.0	.0	.0	16.5	7.3	1.8
Woodward..........	22,320	8.1	.9	.0	.0	.9	31.4	12.5	7.2
Oregon.............	2,647,648	12.0	2.5	.3	.1	.0	24.4	15.0	4.6
Baker............	16,112	11.2	.0	.0	.0	.0	18.6	18.6	3.7
Benton............	66,715	6.3	.3	.0	.0	.0	13.2	12.6	2.7
Clackamas.........	246,206	7.4	1.9	.2	.2	.0	23.6	12.7	3.5
Clatsop...........	32,514	18.5	2.5	.6	.6	.0	27.1	19.1	1.8
Columbia..........	36,207	9.9	2.2	.6	.0	.0	38.7	9.9	2.2
Coos.............	62,242	14.1	1.9	.0	.3	.0	22.8	17.7	5.8
Crook............	13,047	15.3	3.1	.0	.0	.0	35.3	32.2	3.1
Curry............	16,808	8.3	5.9	.0	1.2	.0	39.3	20.2	7.1
Deschutes.........	63,344	9.5	4.1	.6	.3	.0	30.6	16.4	5.1
Douglas...........	92,883	10.3	2.8	.0	.2	.0	32.1	14.0	3.0
Gilliam...........	2,001	20.0	.0	.0	.0	.0	40.0	20.0	.0
Grant............	8,194	2.4	2.4	.0	.0	.0	46.4	22.0	9.8
Harney............	7,728	12.9	7.8	2.6	.0	.0	44.0	23.3	10.4
Hood River........	16,297	9.8	.0	.0	.0	.0	25.8	7.4	2.5
Jackson...........	134,450	9.5	2.2	.3	.1	.0	24.5	14.9	3.9
Jefferson.........	12,049	14.9	3.3	.0	.0	.0	69.7	21.6	13.3
Josephine.........	61,375	13.4	2.6	.0	.0	.3	22.2	15.0	4.6
Klamath...........	58,535	15.7	3.8	1.0	.3	.3	34.9	19.1	5.8
Lake.............	7,571	13.2	5.3	.0	.0	2.6	44.9	18.5	5.3
Lane.............	268,032	8.5	1.2	.2	.0	.0	22.4	14.6	3.3
Lincoln...........	35,816	17.9	3.4	.0	.6	.0	28.5	22.3	2.8
Linn.............	89,792	7.4	1.6	.2	.4	.0	27.8	13.6	3.3
Malheur...........	27,927	5.7	2.1	.0	.7	.0	28.6	13.6	4.3
Marion...........	207,934	10.3	1.2	.1	.1	.0	23.4	16.0	3.8
Morrow............	7,711	5.2	7.8	.0	.0	.0	38.9	10.4	2.6
Multnomah.........	561,087	21.4	4.8	.7	.1	.0	22.0	16.6	7.6
Polk.............	45,303	5.7	.9	.0	.0	.0	16.3	13.2	2.2
Sherman...........	2,178	36.7	.0	.0	.0	.0	55.1	18.4	9.2
Tillamook.........	21,287	16.0	2.8	.0	.0	.0	42.3	18.8	1.9
Umatilla..........	59,885	12.0	3.7	.7	.0	.0	32.1	15.7	6.0
Union............	24,148	6.6	3.3	1.7	.0	.0	24.8	11.6	1.7

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
							Range of Rates					
	Cirr-hosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Mini-mum	Maxi-mum	Rank in U.S. (Per-centile)	Rank in State	Rank in U.S. (Per-centile)	Rank in State
Noble............	10.2	5.1	6.8	0.0	0.0	22.0	29.4	43.5	79	31	61	40
Nowata...........	7.0	5.2	1.7	.0	1.7	15.7	22.0	30.9	42	65	32	61
Okfuskee.........	20.6	8.6	5.2	.0	1.7	36.1	28.0	40.5	73	40	91	7
Oklahoma.........	15.5	8.4	2.5	.3	.5	26.7	30.7	44.2	81	27	76	25
Okmulgee.........	23.0	8.5	3.0	.5	1.0	35.0	29.9	45.5	82	25	90	8
Osage............	14.2	7.9	.0	.5	.5	23.1	25.5	36.8	63	48	64	36
Ottawa...........	11.3	3.6	.0	.0	.0	15.5	24.9	35.8	59	52	31	64
Pawnee...........	14.7	6.1	.0	.0	.0	20.9	28.1	40.8	74	39	56	42
Payne............	6.2	3.7	2.2	.0	.0	11.8	14.1	20.5	5	76	14	70
Pittsburg........	14.7	15.1	.5	.5	.0	30.3	40.9	55.3	95	6	83	17
Pontotoc.........	19.4	4.1	.0	.0	.6	23.5	29.6	45.3	81	26	66	32
Pottawatomie......	16.6	7.1	3.1	.0	.3	26.1	28.4	41.2	75	36	74	26
Pushmataha........	25.2	11.7	5.0	1.7	.0	43.6	43.5	63.2	97	3	96	2
Roger Mills.......	7.3	.0	7.3	.0	.0	14.6	34.5	47.1	88	12	27	66
Rogers...........	5.5	.4	.8	.0	.0	7.5	17.1	25.0	16	73	3	75
Seminole..........	19.0	9.9	5.6	.7	.7	33.8	35.5	49.7	90	11	88	13
Sequoyah..........	9.2	2.5	.0	.0	.0	11.7	22.2	31.8	45	64	14	71
Stephens..........	10.7	4.9	1.8	.0	.0	17.9	28.5	39.8	73	41	43	54
Texas............	7.7	9.9	.0	1.1	.0	18.8	28.8	39.0	72	42	47	51
Tillman...........	10.0	10.0	.0	.0	.0	19.9	34.9	50.6	90	10	52	44
Tulsa............	12.5	6.2	.4	.1	.4	18.9	22.4	33.8	50	58	47	49
Wagoner...........	4.8	4.4	.0	.0	.0	8.3	20.0	27.9	30	70	4	74
Washington........	12.0	5.8	1.2	.0	.0	19.1	20.6	31.9	41	66	48	48
Washita...........	6.8	5.5	.0	.0	.0	12.3	19.4	25.6	23	71	17	68
Woods............	9.2	7.3	.0	.0	1.8	18.4	12.3	19.6	3	77	45	52
Woodward..........	14.3	8.1	.0	.0	1.8	22.4	24.1	35.3	57	54	62	38
Oregon.............	16.9	7.0	1.0	.3	.4	25.0	23.3	35.8	-	-	-	-
Baker............	16.1	.0	1.2	1.2	.0	18.6	17.9	29.8	29	31	46	26
Benton...........	9.0	1.8	.9	.0	.0	11.1	12.2	19.7	3	36	11	36
Clackamas.........	11.6	4.7	.6	.2	.1	17.2	19.4	28.7	30	29	40	29
Clatsop..........	27.1	13.5	1.8	.6	.6	41.8	27.3	43.8	77	15	95	3
Columbia..........	14.9	9.9	1.1	.0	.0	24.3	26.1	37.8	65	19	68	19
Coos.............	21.5	8.0	1.0	.3	.3	28.6	23.9	38.0	62	21	80	15
Crook............	27.6	9.2	.0	.0	.0	35.3	32.0	50.2	88	7	90	8
Curry............	16.7	9.5	1.2	1.2	.0	25.0	34.4	47.9	88	6	70	18
Deschutes.........	13.9	8.2	2.2	.3	.3	24.0	27.5	39.6	71	18	68	21
Douglas...........	15.1	5.4	.4	.4	.0	20.5	24.9	36.9	62	22	54	25
Gilliam...........	30.0	10.0	.0	.0	.0	30.0	29.0	47.6	83	11	83	13
Grant............	2.4	12.2	2.4	.0	.0	14.6	31.9	43.7	82	12	27	33
Harney...........	23.3	23.3	5.2	.0	.0	51.8	43.7	61.2	97	3	98	2
Hood River........	12.3	4.9	.0	.0	1.2	18.4	17.5	27.3	22	33	46	27
Jackson...........	13.4	8.2	.7	.3	.1	21.7	21.7	32.7	45	24	60	22
Jefferson.........	19.9	16.6	.0	.0	5.0	41.5	49.3	70.9	98	2	95	4
Josephine.........	19.6	8.5	.7	.3	.3	28.4	22.9	35.8	55	23	79	16
Klamath...........	21.5	11.3	2.4	.3	2.7	35.2	33.1	49.7	88	5	90	9
Lake.............	21.1	10.6	.0	.0	2.6	31.7	38.4	54.5	94	4	85	12
Lane.............	11.9	4.0	.5	.1	.1	16.3	18.8	28.9	29	30	35	32
Lincoln...........	29.6	9.5	1.7	.6	2.2	41.3	29.0	46.0	81	13	95	5
Linn.............	11.1	4.9	1.1	.9	.0	17.2	21.2	31.1	41	26	39	31
Malheur...........	8.6	7.9	.7	.7	.0	17.2	22.0	31.3	43	25	39	30
Marion...........	14.6	9.1	.3	.5	.3	24.2	20.3	31.8	40	27	68	20
Morrow...........	15.6	10.4	.0	.0	.0	25.9	29.5	38.8	73	16	73	17
Multnomah.........	27.9	9.8	1.5	.3	.5	39.4	30.4	48.5	85	10	94	7
Polk.............	11.5	5.7	.4	.0	.9	17.7	13.8	21.3	5	35	42	28
Sherman...........	45.9	.0	.0	.0	9.2	55.1	46.2	76.8	98	1	98	1
Tillamook.........	29.1	5.6	.9	.0	.0	34.8	31.8	48.6	86	9	89	10
Umatilla..........	18.7	11.7	3.3	.3	.7	32.4	28.7	42.4	77	14	86	11
Union............	10.8	7.5	3.3	.0	.0	21.5	21.2	29.8	38	28	59	24

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Wallowa	7,390	8.1	8.1	0.0	0.0	0.0	35.2	29.8	2.7
Wasco	21,883	12.8	1.8	.0	.0	.0	32.0	11.9	3.7
Washington	255,151	6.7	1.0	.1	.2	.0	16.7	10.7	3.7
Wheeler	1,521	26.3	.0	.0	.0	.0	26.3	13.1	.0
Yamhill	56,326	5.7	1.4	.0	.0	.0	26.3	13.5	3.6
Pennsylvania	11,879,063	12.1	1.4	.2	.1	.1	17.0	11.5	5.7
Adams	69,259	5.2	.6	.0	.0	.0	31.8	11.3	2.0
Allegheny	1,424,169	17.5	1.7	.2	.2	.1	13.0	12.5	5.4
Armstrong	78,294	7.9	1.0	.3	.3	.0	19.7	12.8	1.8
Beaver	200,549	12.6	1.7	.1	.0	.0	12.3	12.4	3.2
Bedford	47,438	6.7	.4	.0	.0	.0	31.6	6.3	.8
Berks	315,416	9.4	.5	.0	.0	.0	19.3	15.0	2.8
Blair	135,176	10.2	1.8	.3	.0	.0	17.3	10.1	3.0
Bradford	63,437	10.4	1.9	.0	.0	.0	26.2	9.5	1.9
Bucks	495,500	8.1	.5	.2	.1	.0	19.0	10.4	2.6
Butler	149,395	8.4	.9	.0	.0	.0	24.0	13.4	2.8
Cambria	180,059	12.9	1.0	.4	.0	.2	15.7	12.2	2.2
Cameron	6,658	6.0	3.0	.0	.0	.0	30.0	27.0	.0
Carbon	53,765	13.8	1.1	.0	.4	.0	24.2	14.5	1.5
Centre	113,495	3.9	.5	.0	.0	.0	17.6	7.6	1.2
Chester	325,032	8.9	.6	.2	.1	.0	21.9	10.8	3.8
Clarion	43,049	6.0	.5	.0	.0	.0	24.6	11.6	3.3
Clearfield	83,523	11.0	1.0	.0	.0	.2	24.4	11.0	1.2
Clinton	38,526	6.2	.0	.0	.0	.0	26.0	10.9	2.1
Columbia	61,687	11.7	1.3	.0	.0	.0	20.4	13.3	1.0
Crawford	88,833	11.5	1.1	.0	.0	.0	24.1	13.3	2.0
Cumberland	181,879	6.2	.7	.2	.0	.0	16.8	11.1	2.4
Dauphin	234,389	8.0	.5	.3	.3	.0	14.5	12.0	6.3
Delaware	553,894	13.3	2.1	.1	.1	.0	12.9	11.7	4.9
Elk	37,855	12.7	.0	.0	.0	.0	16.9	9.5	2.6
Erie	280,465	12.8	1.3	.1	.1	.1	17.7	9.7	3.3
Fayette	159,031	15.5	.6	.1	.3	.0	19.2	12.6	6.0
Forest	5,026	15.9	.0	.0	.0	.0	23.9	23.9	8.0
Franklin	115,230	7.3	1.0	.2	.2	.0	20.3	7.5	1.6
Fulton	13,260	10.6	.0	.0	.0	.0	21.1	10.6	3.0
Greene	40,877	11.3	.0	.5	.0	.0	21.0	10.3	2.4
Huntingdon	42,351	7.1	2.4	.0	.0	.0	24.6	11.8	2.8
Indiana	92,460	9.5	.9	.4	.0	.2	29.6	10.8	2.8
Jefferson	48,548	9.1	.8	.0	.0	.0	23.9	9.5	1.2
Juniata	19,592	8.2	.0	.0	.0	.0	38.8	7.1	.0
Lackawanna	226,120	17.8	1.1	.0	.3	.1	16.1	7.8	1.9
Lancaster	374,061	6.3	.4	.2	.0	.0	17.5	9.5	1.7
Lawrence	105,527	8.1	.8	.0	.4	.2	17.1	11.8	2.5
Lebanon	110,498	5.8	.2	.2	.0	.0	19.0	10.1	2.0
Lehigh	275,379	8.8	.5	.1	.1	.1	16.3	11.0	2.8
Luzerne	338,959	14.3	.9	.1	.0	.2	14.8	11.1	2.2
Lycoming	117,792	8.5	.2	.0	.0	.0	21.6	13.1	1.2
McKean	49,640	17.7	1.2	.0	.0	.0	27.8	13.7	1.2
Mercer	126,619	9.6	.5	.5	.2	.0	22.7	10.9	3.3
Mifflin	46,580	3.4	1.3	.0	.0	.0	14.2	10.3	.4
Monroe	73,607	13.0	1.4	.0	.0	.0	29.6	12.8	1.9
Montgomery	652,687	11.4	.9	.2	.1	.1	14.8	11.0	2.9
Montour	16,793	13.1	.0	.0	.0	.0	15.5	7.1	3.6
Northampton	228,204	10.5	1.4	.1	.4	.0	15.1	12.8	2.5
Northumberland	100,489	14.3	.8	.2	.2	.0	24.9	13.3	1.6
Perry	36,760	7.6	.5	.0	.0	.0	31.6	7.6	3.3

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Wallowa	10.8	10.8	0.0	0.0	0.0	21.7	33.5	47.2	87	8	59	23
Wasco	21.0	7.3	.9	.0	1.8	29.2	24.6	37.7	63	20	81	14
Washington	9.4	2.4	.2	.3	.4	12.5	15.0	22.9	9	34	18	34
Wheeler	26.3	.0	13.1	.0	.0	39.4	24.5	43.8	73	17	94	6
Yamhill	7.8	3.9	1.1	.0	.0	12.4	19.2	28.0	28	32	17	35
Pennsylvania	19.3	3.5	.5	.2	.4	23.7	18.8	30.1	-	-	-	-
Adams	8.7	2.9	.3	.3	.3	12.4	19.3	27.8	28	27	17	58
Allegheny	26.9	4.7	.7	.3	.7	32.7	19.8	33.7	43	12	87	4
Armstrong	13.0	3.1	.3	.8	.0	16.9	16.4	25.4	16	48	38	45
Beaver	19.8	3.2	.3	.0	.2	23.4	16.1	26.9	18	43	66	19
Bedford	10.1	1.7	.0	.0	.0	11.8	18.1	26.5	22	37	14	62
Berks	16.0	2.5	.1	.1	.1	18.6	16.8	27.0	20	38	46	37
Blair	20.0	4.0	.3	.0	.4	24.6	16.9	26.6	19	40	69	14
Bradford	17.0	3.2	.0	.0	.0	19.9	19.9	30.4	35	20	52	32
Bucks	12.1	1.7	.3	.1	.1	14.0	15.4	24.0	11	56	24	53
Butler	13.1	1.6	.1	.0	.0	14.9	18.5	28.4	27	28	28	51
Cambria	19.8	2.7	1.4	.4	.6	24.4	17.0	28.1	23	33	69	16
Cameron	12.0	9.0	.0	.0	.0	21.0	23.5	34.6	54	7	57	27
Carbon	21.6	2.6	.0	.7	1.5	26.4	20.9	33.7	46	11	75	11
Centre	7.4	1.1	.2	.2	.2	8.5	11.6	17.1	2	66	4	67
Chester	14.9	2.0	.9	.1	.4	18.3	17.7	27.4	23	34	45	38
Clarion	7.9	1.4	.0	.5	.5	10.2	17.1	25.6	18	44	9	64
Clearfield	19.9	2.2	.0	.0	.2	22.0	18.7	29.4	31	24	61	21
Clinton	15.6	2.1	.0	.0	.5	18.2	16.6	25.0	15	50	44	39
Columbia	18.2	3.2	.3	.0	.0	21.4	17.8	28.8	26	31	58	25
Crawford	19.4	2.0	.2	.2	.2	22.1	19.6	31.0	36	18	61	20
Cumberland	11.3	2.4	.7	.0	.1	14.4	13.8	21.3	6	63	25	52
Dauphin	12.5	1.9	.5	.4	.0	15.1	15.8	24.8	13	54	29	50
Delaware	21.4	4.3	.3	.3	.2	26.3	17.9	29.3	28	26	74	12
Elk	25.4	2.1	1.1	.0	.5	29.1	15.4	26.2	15	49	81	7
Erie	19.5	4.8	.6	.1	.4	25.0	17.8	28.8	26	30	70	13
Fayette	25.5	2.8	.3	.4	.9	29.2	20.8	34.4	47	9	81	6
Forest	19.9	4.0	.0	.0	.0	23.9	25.1	41.7	71	3	67	17
Franklin	12.3	3.5	.2	.3	.0	16.1	15.1	22.8	9	61	34	47
Fulton	12.1	.0	.0	.0	.0	12.1	16.7	27.1	20	39	16	60
Greene	15.2	3.4	.5	.0	1.0	19.6	17.1	27.7	22	35	50	35
Huntingdon	14.2	5.2	.0	.0	.5	19.8	19.3	28.3	29	25	51	33
Indiana	14.9	2.4	1.1	.4	.4	18.6	21.3	32.1	43	13	46	36
Jefferson	14.8	1.2	.4	.0	.8	16.9	17.1	26.4	19	41	38	44
Juniata	13.3	.0	.0	.0	.0	13.3	21.1	31.0	40	16	21	55
Lackawanna	27.0	2.5	.3	.7	.3	30.2	17.9	31.0	32	22	83	5
Lancaster	11.1	2.0	.4	.0	.1	13.6	13.2	20.4	4	65	22	54
Lawrence	17.1	2.1	.0	.6	.4	19.7	15.3	24.0	11	57	51	34
Lebanon	10.3	1.1	.4	.0	.0	11.8	13.7	21.0	5	64	14	63
Lehigh	14.8	2.0	.3	.4	.4	17.6	14.8	23.7	9	58	42	43
Luzerne	24.5	3.1	.2	.1	1.2	28.9	16.6	28.2	22	36	80	8
Lycoming	13.1	2.4	.2	.2	.2	15.8	15.9	25.3	14	53	32	49
McKean	24.2	3.6	.4	.4	.0	28.2	23.5	38.6	62	6	79	9
Mercer	19.0	3.9	.8	.3	.0	23.5	18.3	28.5	27	29	66	18
Mifflin	7.3	2.1	.4	.0	.0	9.9	10.9	16.1	1	67	8	65
Monroe	17.9	3.0	.0	.0	.3	20.4	22.6	35.4	54	8	54	30
Montgomery	18.2	2.6	.4	.2	.3	21.5	15.7	25.9	15	51	59	24
Montour	16.7	1.2	.0	.0	.0	17.9	15.0	25.6	13	55	43	41
Northampton	17.1	3.2	.2	.4	.2	20.4	16.2	26.2	17	45	54	29
Northumberland	23.5	2.0	.6	.4	1.2	27.1	20.9	33.9	46	10	76	10
Perry	12.0	1.1	.0	.0	.0	13.1	20.0	29.4	33	21	20	56

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Philadelphia......	1,671,636	16.8	3.9	0.4	0.2	0.2	10.2	12.5	20.9
Pike.............	19,504	19.5	1.0	.0	.0	.0	25.6	12.3	4.1
Potter............	18,008	7.8	.0	1.1	.0	.0	16.7	10.0	7.8
Schuylkill........	158,772	19.4	.5	.5	.3	.0	24.9	13.1	2.8
Snyder............	34,514	4.6	.0	.6	.0	.0	26.7	8.7	.6
Somerset..........	81,477	9.6	.2	.0	.0	.0	20.9	12.5	1.0
Sullivan..........	6,321	6.3	3.2	.0	.0	.0	50.6	19.0	.0
Susquehanna.......	38,406	10.4	1.0	.5	.0	.0	22.9	14.1	3.1
Tioga.............	40,507	6.4	.5	.0	.0	1.0	31.6	11.8	3.5
Union.............	33,691	4.2	.0	.6	.0	.0	20.2	7.7	6.5
Venango...........	63,971	11.3	1.6	.6	.0	.0	26.6	8.4	1.9
Warren............	47,320	10.1	.8	.0	.0	.0	25.8	10.6	2.1
Washington........	216,692	12.5	.8	.2	.0	.0	16.5	13.0	3.1
Wayne.............	36,741	11.4	.5	1.1	.0	.0	27.8	10.3	1.6
Westmoreland......	389,383	9.5	.6	.2	.1	.0	20.5	10.0	2.2
Wyoming...........	26,966	6.7	.0	.0	.0	.0	23.0	11.9	3.7
York..............	317,323	6.6	1.1	.2	.0	.0	18.0	11.6	2.6
Rhode Island........	957,501	13.6	3.9	.4	.2	.2	12.7	10.7	4.2
Bristol...........	47,051	11.5	3.8	.9	.0	.0	13.6	8.5	1.7
Kent..............	155,771	14.4	2.1	.6	.5	.3	15.4	9.2	2.3
Newport...........	82,909	12.1	3.4	.5	.2	.0	11.6	8.0	3.6
Providence........	576,322	14.4	4.8	.4	.2	.2	11.2	11.1	5.3
Washington........	95,448	10.5	2.1	.0	.0	.2	18.0	14.0	2.9
South Carolina......	3,221,610	9.7	3.2	1.0	.4	.3	28.0	10.6	10.6
Abbeville.........	22,752	13.2	2.6	.0	.0	.0	25.5	11.4	11.4
Aiken.............	109,570	8.2	4.0	.4	.2	.5	24.6	13.5	11.0
Allendale.........	10,629	15.1	3.8	.0	1.9	1.9	37.6	13.2	16.9
Anderson..........	135,795	8.7	2.5	.9	.3	.4	32.5	15.5	10.0
Bamberg...........	18,175	9.9	2.2	1.1	1.1	.0	26.4	6.6	8.8
Barnwell..........	20,247	6.9	1.0	.0	1.0	.0	37.5	4.0	13.8
Beaufort..........	73,109	9.0	3.6	1.1	.0	.0	30.9	10.9	6.6
Berkeley..........	104,977	4.8	1.7	1.0	.0	.2	30.9	7.4	8.0
Calhoun...........	12,069	11.6	11.6	1.7	.0	.0	33.1	8.3	8.3
Charleston........	285,290	10.0	3.0	1.1	.6	.5	21.0	11.1	10.5
Cherokee..........	40,957	9.8	5.9	2.0	.5	.0	30.3	12.7	11.2
Chester...........	30,396	12.5	.7	2.0	.0	.0	34.2	12.5	13.8
Chesterfield......	38,227	9.9	3.7	1.6	.0	.0	41.3	11.5	7.3
Clarendon.........	27,885	2.2	.7	1.4	.7	.7	31.6	7.9	12.2
Colleton..........	32,814	10.4	8.5	.6	.0	.6	45.1	5.5	13.4
Darlington........	63,610	10.7	3.5	.9	.0	.6	34.6	9.7	15.7
Dillon............	31,737	13.2	3.2	2.5	.0	.0	38.4	5.7	12.6
Dorchester........	64,884	6.2	1.2	.6	.0	.6	32.7	9.9	9.2
Edgefield.........	17,594	18.2	5.7	.0	.0	.0	27.3	5.7	12.5
Fairfield.........	20,848	8.6	1.0	1.9	.0	2.9	45.1	7.7	7.7
Florence..........	112,452	9.8	2.1	1.6	.2	.0	31.8	6.4	11.9
Georgetown........	44,575	13.0	5.8	.9	.0	.0	37.7	5.4	13.9
Greenville........	294,558	9.0	2.9	.9	.1	.2	22.5	10.9	9.5
Greenwood.........	58,782	11.6	4.1	1.4	.7	.3	22.5	12.6	7.1
Hampton...........	18,448	16.3	2.2	3.3	1.1	1.1	26.0	9.8	7.6
Horry.............	112,749	10.6	2.0	1.1	.4	.2	32.1	10.6	11.4
Jasper............	14,613	4.1	2.7	.0	.0	.0	47.9	6.8	20.5
Kershaw...........	40,208	10.4	3.5	.5	.0	.0	34.3	10.9	7.5
Lancaster.........	54,198	8.1	3.3	1.1	.4	.4	33.2	14.0	8.5
Laurens...........	52,521	10.7	2.7	1.5	.4	1.9	31.6	10.3	14.1

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Philadelphia	25.6	7.4	0.7	0.3	0.6	34.3	28.1	44.0	78	2	89	1
Pike	31.8	3.1	.0	.0	.0	33.8	24.2	40.3	66	4	88	2
Potter	12.2	5.6	1.1	.0	.0	17.8	16.9	26.0	18	42	42	42
Schuylkill	29.9	2.3	.9	.3	.3	33.5	23.6	39.5	64	5	88	3
Snyder	8.7	.0	1.2	.0	2.3	12.2	15.7	22.7	9	59	16	59
Somerset	18.4	1.7	.2	.2	.5	21.1	15.9	25.7	15	52	57	26
Sullivan	9.5	3.2	.0	.0	.0	12.7	30.8	43.0	80	1	18	57
Susquehanna	16.7	3.1	.5	.5	.0	20.3	19.7	30.8	36	19	53	31
Tioga	12.3	2.0	1.0	.0	1.0	15.8	21.4	30.9	41	15	32	48
Union	7.7	.0	1.8	.0	2.4	11.9	15.4	22.3	8	62	15	61
Venango	17.8	2.8	.6	.0	.6	21.9	20.5	31.3	40	17	60	22
Warren	17.3	3.8	.0	.4	.0	20.7	18.9	29.4	31	23	55	28
Washington	19.3	2.1	.5	.1	.1	21.8	17.1	28.4	24	32	60	23
Wayne	16.9	3.3	2.2	.5	2.7	24.5	20.8	32.1	42	14	69	15
Westmoreland	16.1	1.4	.3	.2	.3	18.0	16.3	25.7	16	46	44	40
Wyoming	9.6	.0	.0	.0	.0	9.6	16.5	25.3	16	47	7	66
York	10.8	4.2	.4	.0	1.4	16.3	15.2	23.1	9	60	35	46
Rhode Island	21.4	8.5	1.0	.3	.5	31.3	19.8	31.1	-	-	-	-
Bristol	17.9	6.8	1.3	.4	.9	27.6	17.6	27.0	22	4	78	4
Kent	22.2	6.4	1.4	.5	.3	29.7	18.8	30.2	32	2	82	3
Newport	20.3	8.2	.7	.5	.2	29.9	17.2	27.0	21	5	83	2
Providence	22.4	9.6	1.0	.3	.6	33.5	20.8	32.6	43	1	88	1
Washington	16.6	6.5	.8	.0	.2	23.9	18.4	28.9	28	3	67	5
South Carolina	14.2	7.5	2.4	.6	1.2	24.6	27.7	39.7	-	-	-	-
Abbeville	17.6	8.8	.0	.0	.0	22.9	26.4	40.2	70	28	63	29
Aiken	12.2	11.7	1.8	.2	3.1	26.5	26.7	38.0	67	34	75	18
Allendale	16.9	3.8	5.6	1.9	1.9	30.1	40.1	57.5	95	2	83	8
Anderson	13.5	5.6	1.6	.4	.9	21.7	29.2	41.8	77	21	59	34
Bamberg	16.5	12.1	2.2	1.1	1.1	33.0	25.0	35.9	60	39	87	5
Barnwell	11.9	3.0	.0	2.0	1.0	16.8	27.9	38.8	70	29	38	40
Beaufort	14.5	6.6	1.4	.0	.3	21.9	26.6	37.9	66	35	60	33
Berkeley	7.6	2.5	2.1	.4	.2	12.2	23.0	31.6	46	45	16	43
Calhoun	18.2	26.5	6.6	1.7	1.7	54.7	37.5	50.2	91	4	98	1
Charleston	14.7	7.1	3.6	.8	.8	25.9	25.3	36.7	62	38	73	23
Cherokee	12.2	10.3	2.4	.5	.0	24.9	32.8	45.5	85	14	70	26
Chester	18.4	3.3	3.3	.0	.0	25.0	31.1	46.1	84	16	71	25
Chesterfield	13.6	11.5	3.1	.0	.5	26.7	32.4	45.5	84	15	76	15
Clarendon	4.3	3.6	3.6	.7	.7	12.2	25.0	33.1	54	42	16	44
Colleton	15.2	18.3	3.0	.6	.6	37.2	40.3	54.1	94	3	92	2
Darlington	15.4	8.2	2.2	.0	.9	26.4	33.3	47.2	87	10	75	20
Dillon	16.4	5.7	3.8	.0	.0	26.5	34.3	48.8	89	9	75	17
Dorchester	8.0	1.5	.6	.3	.6	10.5	25.0	35.2	58	40	10	45
Edgefield	21.6	10.2	2.3	.0	.0	33.0	31.6	47.5	85	11	87	6
Fairfield	13.4	7.7	3.8	1.0	3.8	26.9	33.4	45.6	85	12	76	14
Florence	14.9	5.5	2.1	.2	.4	22.1	28.2	40.1	73	26	61	32
Georgetown	17.9	8.5	1.8	.0	.4	27.8	35.5	50.0	90	5	78	13
Greenville	13.6	8.2	4.7	.3	2.4	26.4	23.9	34.7	55	41	75	19
Greenwood	16.7	10.9	1.7	1.4	.7	28.9	26.5	38.6	67	32	80	11
Hampton	21.7	7.6	5.4	1.1	1.1	34.7	30.7	45.3	82	17	89	4
Horry	16.5	4.3	1.8	.4	.4	22.4	28.9	41.9	77	22	62	31
Jasper	5.5	8.2	2.7	.0	.0	16.4	35.6	47.7	89	8	35	41
Kershaw	15.4	8.5	.5	.0	.5	24.4	28.4	40.9	75	25	69	27
Lancaster	11.4	4.4	1.5	.7	.7	18.5	29.2	41.1	76	23	46	38
Laurens	16.8	8.4	3.4	.4	3.4	29.3	32.8	46.2	85	13	81	9

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Lee	18,746	7.5	1.1	1.1	0.0	0.0	32.0	9.6	5.3
Lexington	148,429	10.0	2.2	1.3	.1	.1	22.9	12.5	7.0
McCormick	7,575	13.2	.0	.0	.0	.0	50.2	15.8	21.1
Marion	34,529	18.0	.6	1.7	.0	.0	34.8	7.0	16.2
Marlboro	31,927	14.4	5.6	.6	.0	.6	21.3	12.5	21.3
Newberry	31,572	13.3	1.9	.0	.6	1.9	27.2	7.6	7.6
Oconee	49,897	10.0	3.2	.0	.8	.0	26.5	11.2	8.8
Orangeburg	83,948	10.0	4.1	1.7	1.0	.2	33.8	4.3	11.7
Pickens	82,305	7.3	2.9	.7	.5	.0	25.0	11.2	4.4
Richland	274,597	11.9	2.8	1.2	1.0	.2	20.2	13.0	13.0
Saluda	16,518	8.5	2.4	.0	.0	.0	41.2	10.9	12.1
Spartanburg	205,139	9.7	3.8	2.0	.3	.2	28.2	13.6	11.0
Sumter	91,093	7.2	6.6	.2	.4	.0	26.1	5.5	11.2
Union	30,862	7.8	3.9	.0	.0	.0	35.0	14.9	8.4
Williamsburg	38,475	6.2	1.6	.0	.0	.0	35.9	4.2	13.0
York	111,333	9.3	4.5	.2	.7	1.4	23.7	10.1	10.4
South Dakota	698,722	9.6	2.4	.5	.2	.1	27.5	11.9	3.4
Aurora	3,571	5.6	5.6	.0	.0	.0	22.4	22.4	.0
Beadle	18,847	9.6	.0	.0	1.1	.0	27.6	10.6	.0
Bennett	3,221	31.0	.0	.0	.0	.0	86.9	18.6	12.4
Bon Homme	7,527	8.0	5.3	.0	.0	.0	31.9	5.3	.0
Brookings	24,548	4.1	.0	.0	.0	.0	16.3	9.0	1.6
Brown	36,776	9.8	1.1	.0	.0	.0	17.4	7.6	1.1
Brule	5,363	7.5	.0	.0	.0	.0	11.2	29.8	7.5
Buffalo	1,715	70.0	23.3	.0	.0	.0	116.6	23.3	11.7
Butte	8,323	7.2	.0	.0	.0	.0	38.4	7.2	.0
Campbell	2,248	17.8	17.8	.0	.0	.0	53.4	8.9	.0
Charles Mix	9,613	33.3	2.1	.0	.0	.0	43.7	14.6	6.2
Clark	4,912	8.1	.0	4.1	.0	.0	16.3	16.3	.0
Clay	13,422	1.5	.0	.0	.0	.0	19.4	6.0	.0
Codington	21,635	7.4	1.8	.0	.0	.0	14.8	22.2	1.8
Corson	5,256	11.4	11.4	7.6	.0	.0	91.3	11.4	30.4
Custer	6,327	3.2	.0	.0	.0	.0	34.8	3.2	.0
Davison	17,797	7.9	1.1	.0	.0	.0	29.2	9.0	2.2
Day	8,017	7.5	10.0	.0	.0	.0	29.9	10.0	2.5
Deuel	5,229	3.8	.0	.0	.0	.0	45.9	15.3	.0
Dewey	5,353	26.2	18.7	7.5	.0	.0	48.6	33.6	14.9
Douglas	4,062	9.8	.0	.0	.0	.0	19.7	.0	4.9
Edmunds	5,048	7.9	.0	.0	.0	.0	55.5	19.8	4.0
Fall River	8,074	17.3	12.4	.0	.0	.0	27.2	27.2	2.5
Faulk	3,237	.0	.0	.0	.0	.0	30.9	12.4	.0
Grant	9,189	4.4	.0	.0	.0	.0	30.5	17.4	.0
Gregory	5,937	6.7	.0	.0	.0	.0	33.7	3.4	.0
Haakon	2,819	.0	.0	.0	.0	.0	14.2	7.1	.0
Hamlin	5,268	19.0	7.6	.0	3.8	.0	45.6	11.4	.0
Hand	4,842	4.1	.0	.0	.0	.0	20.7	12.4	.0
Hanson	3,370	.0	.0	.0	.0	.0	11.9	5.9	.0
Harding	1,732	11.5	.0	.0	.0	.0	34.6	.0	.0
Hughes	14,528	4.1	1.4	2.8	.0	.0	16.5	15.1	2.8
Hutchinson	9,120	8.8	.0	.0	.0	.0	37.3	6.6	4.4
Hyde	2,043	.0	.0	.0	.0	.0	39.2	9.8	.0
Jackson	3,390	5.9	5.9	.0	.0	.0	41.3	17.7	.0
Jerauld	2,874	.0	7.0	.0	.0	.0	13.9	.0	.0
Jones	1,479	.0	.0	.0	.0	.0	13.5	13.5	.0
Kingsbury	6,587	.0	.0	.0	3.0	.0	27.3	6.1	.0
Lake	10,714	16.8	.0	.0	.0	1.9	13.1	13.1	.0
Lawrence	18,701	5.3	.0	1.1	.0	.0	31.0	19.3	2.1
Lincoln	13,936	8.6	.0	.0	.0	.0	18.7	10.0	1.4

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates: Minimum	Range of Rates: Maximum	Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
Lee	9.6	7.5	3.2	1.1	0.0	20.3	23.1	33.2	50	44	53	35
Lexington	13.3	4.2	1.6	.1	.8	19.8	23.3	34.5	53	43	51	36
McCormick	15.8	7.9	5.3	.0	.0	26.4	39.6	58.5	95	1	75	21
Marion	21.4	2.9	2.9	.0	.0	26.6	33.3	50.7	89	7	75	16
Marlboro	23.2	8.1	3.1	.0	1.3	35.1	34.3	50.1	89	6	90	3
Newberry	17.7	5.7	1.3	.6	1.9	26.0	26.4	39.2	68	31	73	22
Oconee	14.8	8.0	1.6	.8	.4	22.8	25.6	37.3	64	36	63	30
Orangeburg	14.1	10.2	1.9	1.7	1.0	25.5	31.6	43.4	81	19	72	24
Pickens	11.7	6.3	1.5	.7	.2	19.4	21.9	31.3	43	46	49	37
Richland	16.8	7.9	2.3	1.3	2.5	28.8	27.3	40.4	72	27	80	12
Saluda	10.9	6.1	1.2	.0	.0	18.2	31.1	44.1	81	18	44	39
Spartanburg	15.3	10.0	2.9	.4	2.3	30.1	30.0	42.5	79	20	83	7
Sumter	11.0	11.6	1.3	.7	.4	23.7	27.5	37.2	67	33	67	28
Union	9.7	7.8	.6	.0	.0	16.2	28.7	40.7	75	24	34	42
Williamsburg	8.3	2.1	.0	.0	.0	10.4	26.1	36.4	63	37	9	46
York	15.4	11.0	2.0	1.1	2.7	29.1	27.5	38.7	69	30	81	10
South Dakota	14.1	7.0	1.4	.3	1.4	23.4	22.7	33.5	-	-	-	-
Aurora	22.4	5.6	.0	.0	.0	28.0	21.8	31.1	42	26	78	20
Beadle	19.1	2.1	.0	1.1	.0	21.2	18.7	28.7	28	34	57	29
Bennett	37.3	37.3	.0	.0	.0	62.1	58.8	90.4	99	6	99	8
Bon Homme	15.9	5.3	.0	.0	.0	21.3	23.0	31.8	46	24	58	28
Brookings	7.3	1.6	.0	.8	.0	9.8	11.1	16.9	1	58	7	58
Brown	11.4	1.1	.0	.0	9.2	21.8	14.4	23.1	8	51	60	26
Brule	14.9	3.7	.0	.0	.0	18.6	17.2	28.8	25	36	47	36
Buffalo	93.3	35.0	.0	.0	.0	116.6	111.2	167.7	99	1	99	1
Butte	7.2	7.2	7.2	.0	7.2	28.8	20.5	29.9	36	28	80	19
Campbell	17.8	17.8	.0	.0	.0	35.6	49.3	66.3	98	9	90	15
Charles Mix	41.6	12.5	.0	.0	.0	49.9	39.9	66.2	97	10	98	9
Clark	8.1	8.1	4.1	.0	.0	20.4	17.5	26.5	21	41	54	31
Clay	1.5	1.5	.0	.0	.0	3.0	9.9	13.9	0	61	0	64
Codington	10.2	7.4	.0	.0	.9	18.5	16.4	26.1	17	44	46	37
Corson	19.0	22.8	7.6	.0	.0	49.5	78.7	102.0	99	4	98	10
Custer	12.6	.0	.0	.0	.0	12.6	16.5	22.6	11	48	18	50
Davison	11.2	6.7	1.1	.0	.0	20.2	19.5	28.8	31	31	53	32
Day	10.0	12.5	.0	.0	2.5	24.9	28.8	38.2	71	20	70	23
Deuel	7.6	11.5	3.8	.0	.0	22.9	23.9	33.6	53	22	64	24
Dewey	33.6	33.6	11.2	.0	.0	78.5	71.0	98.7	99	5	99	4
Douglas	14.8	.0	.0	.0	.0	14.8	14.6	22.9	8	50	28	47
Edmunds	15.8	4.0	.0	.0	.0	19.8	32.4	46.8	86	16	51	33
Fall River	34.7	24.8	5.0	2.5	.0	64.4	37.6	55.0	93	14	99	5
Faulk	6.2	6.2	.0	.0	.0	12.4	15.4	20.9	7	53	17	52
Grant	4.4	2.2	2.2	.0	.0	8.7	18.1	26.7	22	39	5	60
Gregory	10.1	3.4	3.4	.0	.0	13.5	17.6	25.5	18	42	21	49
Haakon	.0	.0	.0	.0	.0	.0	7.4	10.1	0	65	...	...
Hamlin	19.0	11.4	.0	7.6	.0	34.2	40.6	57.8	95	12	89	17
Hand	12.4	.0	.0	.0	.0	12.4	12.8	19.5	3	56	17	51
Hanson	.0	5.9	.0	.0	5.9	11.9	6.2	8.5	0	66	15	53
Harding	34.6	.0	.0	.0	.0	34.6	19.3	29.3	31	30	89	16
Hughes	9.6	4.1	4.1	.0	4.1	19.3	17.1	24.2	14	45	49	34
Hutchinson	11.0	4.4	.0	.0	2.2	17.5	22.6	33.3	49	23	41	39
Hyde	.0	9.8	.0	.0	.0	9.8	18.4	24.4	18	43	7	57
Jackson	17.7	17.7	11.8	.0	.0	41.3	29.2	39.9	75	17	95	12
Jerauld	.0	7.0	.0	.0	.0	7.0	12.8	14.3	1	59	2	62
Jones	.0	.0	.0	.0	.0	.0	8.4	12.2	0	63	...	11
Kingsbury	3.0	9.1	.0	3.0	.0	15.2	15.7	19.8	6	54	30	44
Lake	20.5	3.7	.0	.0	3.7	26.1	16.9	29.6	26	35	74	21
Lawrence	11.8	1.1	1.1	.0	.0	13.9	21.1	31.1	40	27	23	48
Lincoln	10.0	1.4	.0	.0	.0	11.5	14.1	22.7	7	52	13	54

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Lyman	3,824	10.5	5.2	0.0	0.0	0.0	41.8	5.2	0.0
McCook	6,315	9.5	3.2	.0	.0	.0	19.0	6.3	.0
McPherson	3,913	10.2	.0	.0	.0	.0	10.2	10.2	.0
Marshall	5,309	18.8	.0	.0	.0	.0	56.5	22.6	7.5
Meade	21,720	6.4	2.8	.0	.0	.0	25.8	10.1	2.8
Mellette	2,281	61.4	.0	.0	.0	.0	35.1	8.8	8.8
Miner	3,636	16.5	.0	.0	5.5	.0	16.5	22.0	5.5
Minnehaha	114,258	8.1	2.5	.4	.0	.0	15.9	11.0	1.4
Moody	6,730	5.9	3.0	.0	.0	.0	29.7	11.9	.0
Pennington	73,988	9.2	1.9	.3	.0	.0	26.5	10.8	4.9
Perkins	4,703	4.3	.0	.0	.0	.0	34.0	.0	8.5
Potter	3,714	5.4	.0	.0	.0	.0	10.8	16.2	.0
Roberts	10,976	21.9	10.9	1.8	.0	.0	31.0	12.8	5.5
Sanborn	3,159	6.3	6.3	.0	.0	.0	38.0	12.7	.0
Shannon	11,529	31.2	13.9	1.7	3.5	1.7	102.4	17.3	34.7
Spink	9,080	4.4	.0	.0	.0	2.2	30.8	11.0	.0
Stanley	2,492	16.1	.0	.0	.0	.0	.0	.0	.0
Sully	1,908	.0	.0	.0	.0	.0	21.0	.0	.0
Todd	7,259	24.8	2.8	11.0	.0	2.8	101.9	24.8	49.6
Tripp	7,259	24.8	.0	.0	.0	.0	41.3	16.5	.0
Turner	9,045	6.6	2.2	.0	.0	.0	22.1	6.6	.0
Union	10,719	9.3	1.9	.0	.0	.0	13.1	7.5	.0
Walworth	6,925	8.7	.0	.0	2.9	.0	23.1	2.9	2.9
Yankton	18,958	5.3	3.2	.0	.0	.0	26.4	12.7	.0
Ziebach	2,375	.0	.0	8.4	.0	.0	75.8	33.7	25.3
Tennessee	4,664,629	8.8	2.2	.5	.2	.1	25.0	12.9	9.8
Anderson	68,049	9.4	.6	.6	.3	.3	22.3	13.2	4.1
Bedford	28,232	11.3	3.5	.7	.7	.0	30.5	22.0	7.1
Benton	14,992	5.3	.0	2.7	.0	.0	30.7	25.3	5.3
Bledsoe	9,463	4.2	6.3	.0	.0	.0	44.4	6.3	19.0
Blount	79,257	8.3	1.0	.0	.0	.0	23.0	12.6	5.3
Bradley	69,207	8.7	1.2	.3	.3	.0	26.6	13.3	6.9
Campbell	35,208	7.4	2.3	.6	.6	.0	18.7	12.5	12.5
Cannon	10,461	1.9	1.9	.0	.0	.0	40.1	26.8	11.5
Carroll	28,286	7.8	2.1	.0	.0	.0	23.3	12.7	7.8
Carter	50,892	7.9	.8	1.2	.0	.0	17.7	10.2	4.3
Cheatham	22,485	8.9	.9	.0	.0	.0	40.0	11.6	2.7
Chester	12,701	3.1	1.6	.0	.0	.0	26.8	20.5	7.9
Claiborne	25,560	4.7	2.3	.8	.0	.0	29.0	19.6	5.5
Clay	7,756	15.5	2.6	.0	5.2	.0	46.4	12.9	12.9
Cocke	29,003	8.3	1.4	.0	.0	.0	39.3	10.3	14.5
Coffee	39,578	9.1	.5	1.0	.5	.0	28.3	8.6	4.5
Crockett	14,501	4.1	.0	.0	.0	.0	35.9	9.7	6.9
Cumberland	29,666	14.8	.0	.7	.7	.0	27.6	16.2	8.8
Davidson	483,318	11.0	3.0	.5	.0	.2	22.8	13.9	16.2
Decatur	10,936	11.0	1.8	.0	.0	.0	40.2	14.6	11.0
De Kalb	13,743	2.9	1.5	.0	.0	.0	37.8	14.6	10.2
Dickson	30,850	5.8	4.5	.0	.6	.0	37.6	14.3	5.8
Dyer	34,361	11.6	2.3	.6	.0	.0	23.9	13.4	5.2
Fayette	25,152	2.4	.0	.0	.0	.0	35.0	13.5	8.0
Fentress	15,175	5.3	.0	1.3	.0	.0	31.6	22.4	6.6
Franklin	32,618	8.0	1.8	.0	.0	.0	26.4	9.2	4.9
Gibson	48,962	5.3	3.7	.4	.0	.4	23.7	11.0	7.4
Giles	24,739	7.3	9.7	.0	.0	.8	39.6	23.4	10.5
Grainger	17,056	5.9	.0	.0	.0	.0	36.4	9.4	8.2
Greene	55,332	11.6	1.1	1.4	1.1	.0	26.4	11.2	4.0
Grundy	14,089	8.5	.0	.0	.0	.0	29.8	15.6	7.1

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates Minimum	Range of Rates Maximum	Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
Lyman	26.2	10.5	10.5	0.0	0.0	47.1	28.1	39.3	72	19	97	11
McCook	15.8	6.3	.0	.0	.0	22.2	16.3	24.6	14	46	61	25
McPherson	10.2	5.1	.0	.0	.0	15.3	10.5	18.9	2	57	30	43
Marshall	22.6	15.1	.0	.0	.0	30.1	39.5	61.0	96	11	83	18
Meade	10.1	5.5	.0	.0	.9	15.7	19.6	28.1	29	32	31	42
Mellette	78.9	17.5	.0	.0	.0	87.7	45.8	85.7	98	8	99	2
Miner	16.5	11.0	5.5	5.5	.0	38.5	26.2	41.6	72	18	93	13
Minnehaha	11.7	8.6	.9	.0	.7	21.2	15.7	23.9	11	47	57	30
Moody	8.9	5.9	.0	.0	.0	14.9	20.3	28.8	32	29	28	46
Pennington	15.1	5.1	.5	.0	1.6	21.4	21.5	32.0	43	25	58	27
Perkins	8.5	.0	.0	.0	.0	8.5	20.0	27.5	29	33	4	61
Potter	5.4	.0	.0	.0	.0	5.4	10.0	16.8	1	60	1	63
Roberts	32.8	25.5	7.3	.0	1.8	63.8	39.9	58.2	95	13	99	6
Sanborn	6.3	12.7	.0	.0	.0	19.0	27.4	37.2	67	21	48	35
Shannon	38.2	27.8	10.4	5.2	3.5	79.8	96.4	133.4	99	3	99	3
Spink	8.8	.0	.0	.0	2.2	11.0	19.2	26.8	25	37	11	55
Stanley	16.1	.0	.0	.0	.0	16.1	6.6	15.3	0	62	34	41
Sully	.0	10.5	.0	.0	.0	10.5	8.8	11.1	0	64	10	56
Todd	33.1	11.0	16.5	.0	5.5	63.4	97.8	135.0	99	2	99	7
Tripp	27.6	8.3	.0	.0	.0	35.8	30.8	51.6	88	15	91	14
Turner	6.6	2.2	.0	.0	.0	8.8	15.5	22.7	9	49	5	59
Union	13.1	1.9	.0	.0	.0	14.9	12.7	20.4	4	55	29	45
Walworth	17.3	5.8	.0	2.9	.0	26.0	18.1	26.3	21	40	73	22
Yankton	7.4	6.3	1.1	.0	3.2	17.9	18.9	26.8	24	38	43	38
Ziebach	.0	8.4	8.4	.0	.0	16.8	58.9	77.2	99	7	38	40
Tennessee	12.8	4.5	1.1	.3	.7	18.9	24.3	35.7	-	-	-	-
Anderson	11.8	2.1	.9	.3	.6	15.9	19.6	30.1	34	82	33	60
Bedford	16.3	4.3	2.1	.7	.0	22.7	30.1	44.5	81	16	63	14
Benton	8.0	.0	2.7	.0	.0	10.7	25.3	36.8	62	36	10	89
Bledsoe	4.2	10.6	.0	.0	2.1	14.8	36.9	48.4	90	8	28	67
Blount	10.9	2.5	1.3	.3	2.5	16.1	19.1	29.2	31	85	34	58
Bradley	10.7	2.3	.9	.3	.0	13.9	22.4	33.4	49	59	23	74
Campbell	13.6	5.7	1.7	.6	.0	21.6	22.7	33.0	48	60	59	19
Cannon	5.7	5.7	5.7	.0	.0	17.2	30.3	42.3	79	18	40	48
Carroll	9.9	4.2	.7	.0	.0	14.8	21.3	31.6	42	73	28	66
Carter	13.8	2.8	2.4	.0	.4	18.9	16.7	25.4	16	93	47	35
Cheatham	11.6	1.8	.0	.0	.0	13.3	24.9	36.5	61	39	21	78
Chester	3.1	4.7	.0	.0	1.6	9.4	21.9	31.4	43	69	6	90
Claiborne	6.3	4.7	.8	.0	.0	12.5	23.7	33.7	53	52	18	84
Clay	18.1	7.7	7.7	5.2	.0	36.1	42.2	60.1	96	1	91	2
Cocke	11.0	4.1	.7	.0	.0	16.5	30.2	43.2	80	17	36	53
Coffee	12.1	5.1	2.0	.5	1.0	20.2	21.5	31.8	43	70	53	24
Crockett	5.5	.0	1.4	.0	.0	6.9	21.9	30.9	42	74	2	95
Cumberland	22.2	4.0	1.3	1.3	2.0	29.0	26.4	41.7	73	26	81	5
Davidson	16.8	6.5	.8	.3	1.3	25.0	28.2	41.7	76	22	71	10
Decatur	12.8	3.7	3.7	.0	.0	20.1	31.3	46.0	84	12	53	26
De Kalb	5.8	2.9	2.9	.0	.0	11.6	26.2	36.2	63	35	13	86
Dickson	10.4	7.1	.0	.6	.0	16.9	29.0	39.7	74	25	38	52
Dyer	19.2	5.2	.6	.0	1.7	25.0	22.8	34.9	53	50	71	9
Fayette	5.6	1.6	.0	.0	.0	7.2	22.1	30.9	42	72	2	94
Fentress	7.9	.0	2.6	.0	2.6	13.2	24.3	35.6	57	45	20	80
Franklin	12.9	4.9	1.8	.0	.0	19.6	20.3	29.9	35	81	50	31
Gibson	7.4	4.9	.4	.0	.4	12.7	22.3	30.9	42	71	18	82
Giles	10.5	15.4	2.4	.0	.8	28.3	39.8	53.8	94	5	79	6
Grainger	10.6	1.2	1.2	.0	.0	14.1	23.4	33.6	51	55	24	72
Greene	15.5	3.3	1.8	1.4	2.5	22.4	23.5	35.3	56	48	62	16
Grundy	8.5	2.8	.0	.0	.0	11.4	22.5	34.2	51	56	12	88

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Hamblen	51,825	8.1	1.2	1.9	0.0	0.4	28.2	11.2	6.6
Hamilton	285,813	10.6	1.3	.5	.0	.0	22.5	11.1	10.6
Hancock	6,855	2.9	2.9	2.9	.0	2.9	32.1	20.4	.0
Hardeman	23,746	8.4	.8	2.5	.0	.0	35.4	17.7	11.8
Hardin	22,137	10.8	1.8	.9	1.8	.0	42.5	10.8	12.6
Hawkins	44,192	10.9	1.8	.5	.5	.0	22.2	16.7	4.5
Haywood	20,484	8.8	2.0	.0	.0	1.0	22.5	5.9	9.8
Henderson	21,819	6.4	3.7	.0	1.8	.0	37.6	18.3	2.7
Henry	28,915	11.8	.0	.0	.7	.0	16.6	11.8	9.7
Hickman	15,504	12.9	5.2	.0	.0	.0	36.1	14.2	5.2
Houston	6,898	5.8	.0	.0	.0	.0	11.6	5.8	8.7
Humphreys	15,869	17.6	3.8	.0	.0	.0	41.6	15.1	12.6
Jackson	9,313	8.6	4.3	4.3	.0	.0	55.8	17.2	8.6
Jefferson	32,369	9.3	.6	.6	.0	.0	32.7	7.4	5.6
Johnson	13,991	4.3	4.3	2.9	.0	.0	38.6	21.4	7.1
Knox	325,137	9.3	1.2	.2	.2	.2	22.5	12.5	8.1
Lake	7,766	5.2	5.2	.0	.0	.0	48.9	10.3	15.5
Lauderdale	24,624	5.7	.8	.8	.0	.0	25.2	10.6	6.5
Lawrence	34,381	9.9	.6	1.2	.6	.0	34.9	10.5	2.9
Lewis	10,077	7.9	.0	.0	.0	.0	17.9	13.9	2.0
Lincoln	26,557	11.3	3.0	.0	.0	.0	28.6	15.1	3.8
Loudon	29,508	7.5	.0	3.4	.0	.0	31.9	12.9	7.5
McMinn	42,448	6.6	1.9	.0	.5	.0	29.2	8.0	10.4
McNairy	22,970	10.4	.0	.9	.0	.0	32.2	14.8	5.2
Macon	15,731	3.8	1.3	.0	.0	.0	29.2	21.6	14.0
Madison	75,710	10.6	4.8	1.1	.0	.0	20.6	9.8	9.5
Marion	24,495	9.8	.0	.8	.0	.0	36.7	6.5	7.3
Marshall	19,959	7.0	1.0	.0	.0	1.0	23.0	19.0	8.0
Maury	51,801	8.5	1.5	.4	.4	.0	22.8	11.6	8.9
Meigs	7,523	10.6	.0	.0	.0	.0	34.6	10.6	10.6
Monroe	29,338	5.5	.0	.7	.0	.0	38.2	10.2	7.5
Montgomery	86,350	6.3	.5	.7	.2	.0	25.2	13.2	6.9
Moore	4,662	4.3	.0	4.3	.0	.0	12.9	34.3	.0
Morgan	16,852	11.9	1.2	.0	.0	.0	33.2	13.1	7.1
Obion	33,082	8.5	2.4	.0	.0	.0	17.5	18.1	6.7
Overton	17,712	5.6	1.1	.0	1.1	1.1	41.8	20.3	5.6
Perry	6,315	6.3	.0	.0	.0	.0	47.5	19.0	6.3
Pickett	4,464	9.0	4.5	.0	.0	.0	22.4	9.0	.0
Polk	13,583	8.8	.0	.0	.0	.0	41.2	13.3	10.3
Putnam	48,931	7.8	.4	.8	.0	.0	27.0	14.3	4.5
Rhea	24,373	6.6	1.6	.0	.0	.0	41.0	9.8	10.7
Roane	48,993	7.3	1.6	.0	.4	.8	18.8	10.6	7.8
Robertson	37,837	4.8	2.1	.5	.5	.0	31.2	13.2	6.3
Rutherford	90,144	7.8	1.1	.2	.0	.2	17.3	13.8	8.2
Scott	19,974	14.0	1.0	.0	.0	.0	23.0	7.0	6.0
Sequatchie	8,654	11.6	.0	.0	.0	.0	34.7	11.6	27.7
Sevier	43,854	8.2	.5	1.4	.0	.0	29.6	18.2	5.9
Shelby	787,499	8.9	4.3	.2	.2	.1	19.7	12.4	17.3
Smith	14,652	9.6	.0	.0	.0	.0	30.0	8.2	2.7
Stewart	8,944	8.9	.0	.0	2.2	2.2	31.3	8.9	6.7
Sullivan	144,659	9.8	2.1	.4	.0	.3	23.6	11.8	3.6
Sumner	89,099	6.3	1.1	.7	.2	.2	22.7	11.2	4.7
Tipton	34,058	6.5	2.3	.6	.0	.0	25.3	8.2	5.3
Trousdale	5,865	10.2	10.2	3.4	.0	.0	44.3	17.1	3.4
Unicoi	16,660	14.4	4.8	4.8	.0	1.2	27.6	8.4	7.2
Union	11,989	5.0	3.3	.0	.0	.0	30.0	15.0	3.3
Van Buren	4,777	4.2	.0	.0	.0	.0	58.6	8.4	16.7
Warren	32,938	7.9	1.8	.6	.0	.0	25.5	17.0	5.5
Washington	90,514	9.9	3.3	.4	.2	.0	27.0	12.8	4.4
Wayne	14,039	5.7	1.4	2.8	.0	.0	38.5	4.3	8.5

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985 -Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Hamblen	10.0	4.6	2.7	0.4	0.8	18.1	23.9	34.4	54	49	44	41
Hamilton	14.3	2.9	.7	.1	.3	17.7	22.7	34.5	52	53	42	47
Hancock	5.8	2.9	2.9	.0	2.9	14.6	27.5	36.1	65	31	26	70
Hardeman	13.5	1.7	4.2	.0	.8	20.2	30.8	44.2	81	15	53	23
Hardin	14.5	3.6	1.8	1.8	2.7	24.4	34.9	49.4	89	10	69	11
Hawkins	14.0	3.2	.5	.5	1.4	18.6	22.0	33.9	49	58	46	38
Haywood	9.8	2.0	1.0	.0	1.0	13.7	21.7	31.6	43	68	22	75
Henderson	9.2	6.4	1.8	2.7	.0	18.3	28.9	40.1	74	23	45	39
Henry	14.5	4.2	1.4	1.4	.7	21.4	19.4	31.2	36	79	58	22
Hickman	14.2	9.0	.0	.0	.0	23.2	30.9	45.1	82	14	65	13
Houston	8.7	2.9	.0	.0	.0	11.6	12.5	19.4	3	95	13	87
Humphreys	23.9	10.1	1.3	.0	.0	35.3	37.4	56.2	94	4	90	3
Jackson	8.6	4.3	8.6	.0	.0	21.5	43.0	58.2	96	2	59	21
Jefferson	13.6	2.5	1.2	.0	1.2	17.9	22.9	33.7	51	57	43	44
Johnson	5.7	5.7	7.1	.0	2.9	20.0	32.8	44.2	83	13	53	29
Knox	13.4	3.5	.4	.2	.9	18.0	21.3	32.3	43	67	44	43
Lake	5.2	7.7	.0	.0	.0	15.5	37.1	49.7	91	6	31	63
Lauderdale	12.2	1.6	.8	.0	.8	14.6	19.7	28.4	30	87	27	69
Lawrence	12.2	1.2	2.3	.6	.0	15.7	24.5	36.0	59	42	32	62
Lewis	9.9	4.0	.0	.0	4.0	17.9	14.5	23.4	9	94	43	45
Lincoln	15.8	4.5	1.5	.8	.8	21.8	24.4	36.9	61	40	60	18
Loudon	10.8	1.4	4.7	.0	.0	16.9	25.9	36.9	63	34	38	50
McMinn	12.3	3.8	.0	.5	3.8	19.3	23.8	33.7	53	51	49	32
McNairy	18.3	3.5	.9	.0	.0	22.6	24.1	36.7	60	41	63	15
Macon	5.1	2.5	1.3	.0	.0	8.9	26.0	37.3	64	33	5	91
Madison	14.3	7.4	1.1	.3	.0	23.2	25.2	36.5	61	38	65	12
Marion	11.4	3.3	1.6	.8	.0	16.3	25.0	36.7	62	37	35	55
Marshall	12.0	3.0	.0	.0	1.0	17.0	22.1	33.1	47	62	39	49
Maury	11.2	3.1	2.3	.4	1.2	17.8	21.9	32.4	45	64	42	46
Meigs	13.3	.0	2.7	.0	2.7	18.6	26.0	39.2	68	29	46	37
Monroe	8.9	3.4	1.4	.0	1.4	15.0	24.5	34.7	56	47	29	65
Montgomery	8.6	3.5	1.6	.2	1.4	13.4	20.5	30.0	36	80	21	77
Moore	4.3	.0	4.3	.0	.0	8.6	18.3	27.9	26	90	5	93
Morgan	16.6	8.3	1.2	.0	.0	26.1	26.0	39.5	68	28	73	7
Obion	12.7	3.6	.6	.0	.0	16.9	20.0	30.7	37	78	38	51
Overton	10.2	6.8	.0	1.1	1.1	19.2	30.0	42.0	78	19	48	33
Perry	9.5	6.3	3.2	.0	.0	19.0	29.3	42.3	78	20	48	34
Pickett	9.0	4.5	.0	.0	.0	13.4	19.4	28.2	29	88	21	76
Polk	13.3	1.5	.0	.0	1.5	16.2	28.4	41.7	76	21	34	56
Putnam	9.8	1.6	2.5	1.2	.0	14.7	20.7	31.1	40	76	27	68
Rhea	10.7	6.6	.0	.0	.0	18.1	28.5	40.1	74	24	44	42
Roane	13.9	4.5	.0	.4	.8	18.8	19.5	28.7	31	86	47	36
Robertson	8.5	6.9	1.1	.5	.0	15.9	23.8	33.2	52	54	33	61
Rutherford	10.6	3.8	.9	.2	.4	15.3	18.6	28.4	27	89	30	64
Scott	14.0	1.0	.0	.0	1.0	16.0	20.6	33.0	44	66	33	59
Sequatchie	11.6	4.6	.0	.0	.0	16.2	34.6	51.4	91	7	34	57
Sevier	10.0	.9	2.3	.0	.0	13.2	24.1	35.9	57	44	20	79
Shelby	13.3	6.3	.5	.3	.1	20.1	27.2	39.3	70	27	53	27
Smith	15.0	.0	1.4	.0	.0	16.4	19.5	29.8	33	83	35	54
Stewart	17.9	.0	.0	2.2	2.2	20.1	26.2	37.2	65	32	53	25
Sullivan	15.3	5.5	1.0	.0	.7	21.6	20.8	31.3	40	75	59	20
Sumner	9.0	2.2	.9	.2	.9	13.0	18.8	27.4	25	91	19	81
Tipton	8.2	2.3	1.2	.0	.6	11.7	20.3	28.9	33	84	14	85
Trousdale	20.5	17.1	3.4	.0	.0	40.9	41.5	55.3	95	3	95	1
Unicoi	14.4	9.6	8.4	.0	1.2	32.4	33.4	46.8	86	11	86	4
Union	10.0	10.0	.0	.0	.0	20.0	22.6	31.7	45	65	53	28
Van Buren	12.6	.0	.0	.0	.0	12.6	35.9	48.9	90	9	18	83
Warren	11.5	3.0	1.2	.0	1.2	18.2	22.3	33.2	48	61	44	40
Washington	15.0	5.7	1.1	.7	.9	22.1	24.0	35.3	56	46	61	17
Wayne	8.5	1.4	2.8	.0	1.4	14.2	27.6	37.1	67	30	25	71

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985 –Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Weakley..........	32,984	5.5	0.6	0.0	0.6	0.0	24.9	20.0	5.5
White............	19,751	9.1	2.0	2.0	1.0	.0	22.3	11.1	9.1
Williamson........	62,458	4.5	.6	.0	.3	.0	20.2	15.7	5.8
Wilson...........	58,584	9.2	.3	.0	.0	1.4	26.6	15.7	3.8
Texas..............	15,304,716	9.2	1.1	.3	.1	.1	26.2	12.6	14.8
Anderson..........	42,843	7.5	1.9	.9	.0	.0	37.8	12.1	12.6
Andrews...........	14,937	4.0	1.3	.0	1.3	.0	33.5	17.4	4.0
Angelina..........	66,398	6.6	.6	.6	.3	.3	32.5	10.8	11.1
Aransas...........	15,850	8.8	1.3	.0	.0	.0	26.5	12.6	5.0
Archer............	7,789	7.7	5.1	.0	.0	.0	18.0	12.8	5.1
Armstrong.........	1,991	.0	.0	.0	.0	.0	40.2	20.1	.0
Atascosa..........	26,658	5.3	1.5	.8	.0	.0	36.0	14.3	8.3
Austin............	19,390	6.2	.0	.0	.0	.0	40.2	10.3	10.3
Bailey............	8,265	2.4	.0	.0	.0	.0	33.9	9.7	9.7
Bandera...........	7,915	7.6	.0	.0	.0	.0	43.0	7.6	5.1
Bastrop...........	28,950	9.7	.0	.7	.0	.7	49.7	11.7	12.4
Baylor............	4,931	8.1	.0	.0	.0	.0	32.4	.0	4.1
Bee...............	27,000	14.8	.7	.0	.0	.0	41.5	11.9	10.4
Bell..............	165,673	5.8	.0	.2	.0	.1	28.7	11.8	11.2
Bexar.............	1,062,253	12.0	.8	.2	.0	.0	20.7	11.3	18.0
Blanco............	5,058	7.9	.0	.0	.0	.0	47.5	27.7	7.9
Borden............	947	.0	.0	.0	.0	.0	.0	.0	.0
Bosque............	13,791	10.2	1.5	.0	.0	.0	49.3	8.7	11.6
Bowie.............	77,546	7.2	1.8	.5	.0	.0	21.4	16.2	9.8
Brazoria..........	177,395	6.7	.9	.0	.0	.1	34.8	13.1	9.2
Brazos............	107,304	5.2	.7	.2	.0	.0	18.5	7.6	6.3
Brewster..........	7,876	12.7	5.1	.0	.0	.0	27.9	20.3	12.7
Briscoe...........	2,424	.0	.0	.0	.0	.0	41.2	8.2	8.2
Brooks............	8,836	27.2	.0	.0	.0	.0	20.4	18.1	13.6
Brown.............	34,182	10.5	.6	.6	.0	.0	29.3	14.0	7.6
Burleson..........	13,730	8.7	.0	.0	.0	.0	48.1	11.7	13.1
Burnet............	19,990	5.0	1.0	.0	.0	.0	34.0	14.0	8.0
Caldwell..........	25,527	11.8	3.1	.8	.0	.0	28.2	8.6	7.8
Calhoun...........	20,845	7.7	.0	.0	.0	.0	34.5	13.4	7.7
Callahan..........	12,096	11.6	.0	1.7	.0	.0	34.7	8.3	1.7
Cameron...........	231,733	7.3	.7	.0	.0	.0	20.7	7.2	10.2
Camp..............	9,676	10.3	.0	.0	.0	.0	43.4	18.6	12.4
Carson............	7,050	8.5	.0	.0	.0	.0	25.5	11.3	8.5
Cass..............	29,985	8.7	.7	.0	.0	.0	42.0	13.3	6.7
Castro............	10,465	3.8	.0	.0	.0	.0	34.4	11.5	11.5
Chambers..........	18,976	8.4	.0	.0	.0	.0	39.0	13.7	5.3
Cherokee..........	38,637	7.2	.5	.0	.0	.0	36.2	16.0	7.2
Childress.........	6,725	3.0	.0	.0	.0	.0	23.8	14.9	3.0
Clay..............	9,737	12.3	.0	.0	.0	.0	18.5	10.3	4.1
Cochran...........	4,787	4.2	.0	.0	.0	.0	37.6	.0	8.4
Coke..............	3,442	.0	.0	.0	.0	.0	34.9	5.8	5.8
Coleman...........	10,544	7.6	1.9	.0	.0	.0	24.7	17.1	5.7
Collin............	166,399	4.3	.7	.5	.0	.0	22.1	11.1	5.0
Collingsworth.....	4,408	9.1	.0	.0	.0	.0	31.8	9.1	.0
Colorado..........	19,477	14.4	2.1	1.0	.0	.0	55.4	12.3	10.3
Comal.............	40,761	10.3	1.0	1.0	.0	.0	33.4	15.2	5.4
Comanche..........	12,814	18.7	1.6	.0	.0	.0	40.6	15.6	3.1
Concho............	2,898	.0	.0	.0	.0	.0	48.3	.0	.0
Cooke.............	28,236	4.2	.0	.7	.0	.0	30.5	19.1	9.2
Coryell...........	57,928	3.8	.3	.0	.0	.0	14.5	6.6	4.1
Cottle............	2,811	28.5	7.1	.0	.0	.0	49.8	21.3	7.1
Crane.............	4,925	4.1	.0	.0	.0	.0	32.5	8.1	8.1
Crockett..........	4,790	8.4	4.2	.0	.0	.0	62.6	.0	4.2

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Weakley	8.5	4.2	0.6	0.6	0.0	13.9	20.5	30.5	38	77	23	73
White	18.2	5.1	2.0	1.0	.0	25.3	24.7	35.5	58	43	71	8
Williamson	5.4	2.6	.6	.3	.3	8.6	17.1	25.4	17	92	5	92
Wilson	14.3	4.4	.3	.0	1.7	19.8	21.6	32.8	45	63	51	30
Texas	13.4	2.7	1.0	.2	.6	17.5	25.9	38.4	-	-	-	-
Anderson	16.8	4.2	2.8	.0	5.1	27.1	30.1	42.5	79	66	76	22
Andrews	5.4	1.3	.0	1.3	.0	8.0	23.8	33.2	52	161	4	224
Angelina	9.0	.9	.6	.3	.6	11.1	25.6	36.5	62	116	12	190
Aransas	15.1	2.5	.0	.0	.0	16.4	20.9	31.6	41	188	35	105
Archer	7.7	7.7	.0	.0	.0	18.0	20.8	30.0	37	199	43	81
Armstrong	.0	.0	.0	.0	.0	.0	20.9	28.7	34	211	...	...
Atascosa	10.5	3.0	.8	.0	.0	13.5	26.3	36.9	64	110	22	156
Austin	13.4	1.0	1.0	.0	.0	14.4	26.3	37.6	65	105	26	141
Bailey	2.4	.0	.0	.0	.0	2.4	21.7	30.0	39	193	0	241
Bandera	7.6	2.5	.0	.0	.0	10.1	25.0	36.0	60	127	8	202
Bastrop	13.1	.7	.7	.0	1.4	15.9	34.4	49.2	89	24	33	116
Baylor	12.2	8.1	4.1	.0	4.1	20.3	18.9	27.5	26	224	53	54
Bee	16.3	1.5	.0	.0	1.5	19.3	31.5	47.8	86	39	49	69
Bell	8.9	.7	.8	.1	.4	11.1	22.4	32.7	47	173	11	191
Bexar	17.1	2.0	.3	.1	.1	19.5	25.3	39.1	66	98	50	66
Blanco	11.9	.0	.0	.0	.0	11.9	32.4	48.0	87	34	15	183
Borden	.0	.0	.0	.0	.0	.0	.0	.0	...	...	...	...
Bosque	24.7	2.9	.0	.0	.0	27.6	33.5	47.9	87	31	77	19
Bowie	11.6	2.3	.8	.0	.0	14.7	22.1	32.8	47	176	27	136
Brazoria	9.4	2.1	.5	.0	.8	12.1	25.3	36.6	62	119	16	176
Brazos	8.4	1.7	.4	.0	.2	10.1	15.3	22.6	9	242	8	204
Brewster	15.2	12.7	2.5	.0	.0	30.5	32.0	47.6	86	37	83	10
Briscoe	.0	.0	.0	.0	.0	.0	22.9	30.2	42	186	...	...
Brooks	31.7	2.3	.0	.0	.0	34.0	29.7	52.0	88	28	88	6
Brown	14.0	3.5	.6	.0	.6	15.8	24.2	36.7	60	129	32	120
Burleson	13.1	1.5	.0	.0	.0	14.6	32.3	46.5	85	42	26	140
Burnet	7.0	2.0	.0	.0	.0	9.0	23.9	34.1	54	153	5	214
Caldwell	13.3	3.9	.8	.0	.0	17.2	26.0	38.2	66	103	40	91
Calhoun	12.5	.0	.0	.0	.0	12.5	23.9	35.5	57	139	17	171
Callahan	18.2	1.7	1.7	.0	.0	21.5	23.4	35.2	55	148	59	50
Cameron	10.8	1.3	.2	.0	.0	12.0	18.6	27.8	26	223	15	178
Camp	10.3	2.1	.0	.0	.0	12.4	32.0	47.6	86	36	17	173
Carson	8.5	2.8	.0	.0	.0	11.3	20.5	31.3	39	192	12	187
Cass	14.0	2.0	.0	.0	.0	16.0	27.7	40.4	73	84	33	113
Castro	5.7	.0	.0	.0	.0	5.7	23.7	33.4	52	159	1	236
Chambers	14.8	2.1	.0	.0	.0	15.8	25.1	37.1	63	115	33	119
Cherokee	10.4	1.6	1.6	.0	.0	13.5	25.3	37.2	63	114	21	158
Childress	11.9	.0	.0	.0	.0	11.9	15.6	22.8	9	241	15	181
Clay	12.3	.0	2.1	.0	.0	14.4	16.8	27.9	22	228	25	142
Cochran	12.5	.0	.0	.0	.0	12.5	21.4	29.2	37	201	18	169
Coke	.0	.0	.0	.0	.0	.0	18.5	24.3	18	233	...	...
Coleman	11.4	5.7	.0	.0	.0	15.2	21.5	32.1	43	184	30	129
Collin	6.4	1.8	2.4	.1	.1	10.8	16.8	24.4	14	235	11	194
Collingsworth	13.6	.0	.0	.0	.0	13.6	18.9	28.8	29	217	22	153
Colorado	19.5	5.1	1.0	.0	.0	24.6	39.6	57.3	95	8	69	32
Comal	13.7	2.5	1.0	.0	.0	17.7	25.8	38.5	66	100	42	87
Comanche	23.4	4.7	.0	1.6	.0	26.5	30.9	48.6	86	38	75	24
Concho	13.8	6.9	.0	.0	.0	20.7	20.3	25.6	25	226	55	52
Cooke	7.1	2.8	2.1	.0	.0	12.0	23.4	33.9	52	156	16	177
Coryell	5.2	1.7	.0	.0	.0	6.9	11.3	16.7	1	246	2	230
Cottle	42.7	14.2	.0	.0	.0	56.9	47.3	73.0	98	1	98	1
Crane	16.2	.0	.0	4.1	.0	16.2	20.7	29.3	35	208	34	109
Crockett	8.4	4.2	.0	.0	.0	12.5	35.9	48.0	89	23	18	170

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Crosby............	8,660	2.3	0.0	0.0	0.0	0.0	13.9	16.2	9.2
Culberson.........	3,433	23.3	.0	.0	.0	.0	69.9	5.8	11.7
Dallam............	6,527	6.1	.0	.0	3.1	.0	61.3	12.3	6.1
Dallas............	1,660,229	8.9	2.9	.6	.1	.0	21.3	14.8	20.7
Dawson............	16,333	11.0	.0	.0	.0	.0	23.3	6.1	8.6
Deaf Smith........	20,818	8.6	1.0	.0	.0	.0	25.9	12.5	11.5
Delta.............	4,843	.0	8.3	.0	.0	.0	24.8	8.3	12.4
Denton............	166,216	5.9	.8	.2	.1	.0	24.5	12.3	6.3
De Witt...........	19,298	8.3	1.0	.0	.0	.0	36.3	12.4	8.3
Dickens...........	3,321	.0	.0	.0	.0	.0	12.0	.0	6.0
Dimmit............	11,735	8.5	1.7	1.7	.0	.0	22.2	3.4	11.9
Donley............	4,092	9.8	4.9	.0	.0	.0	29.3	.0	4.9
Duval.............	12,962	12.3	.0	.0	.0	.0	43.2	9.3	13.9
Eastland..........	20,274	10.9	.0	.0	.0	.0	26.6	14.8	4.9
Ector.............	126,961	8.5	1.6	.5	.9	.0	30.6	17.3	17.2
Edwards...........	2,087	19.2	.0	.0	.0	.0	9.6	19.2	9.6
Ellis.............	64,955	5.9	.6	.6	.3	.0	31.4	12.6	11.1
El Paso...........	512,925	11.2	1.0	.4	.2	.0	21.1	10.6	7.2
Erath.............	23,627	5.9	.8	.0	.0	.0	32.2	13.5	2.5
Falls.............	17,864	11.2	2.2	.0	.0	.0	31.3	5.6	6.7
Fannin............	24,319	10.7	.8	.0	.0	.0	35.4	14.0	3.3
Fayette...........	19,624	13.2	3.1	.0	.0	.0	37.7	14.3	7.1
Fisher............	5,882	10.2	.0	.0	.0	.0	20.4	13.6	3.4
Floyd.............	9,342	4.3	.0	.0	.0	.0	25.7	6.4	6.4
Foard.............	2,048	.0	.0	.0	.0	.0	29.3	39.1	.0
Fort Bend.........	158,534	5.0	.5	.0	.0	.0	23.8	10.6	11.9
Franklin..........	7,190	11.1	.0	.0	.0	.0	30.6	13.9	16.7
Freestone.........	15,964	3.8	.0	1.3	.0	.0	42.6	11.3	8.8
Frio..............	14,175	8.5	.0	.0	.0	.0	24.0	9.9	9.9
Gaines............	13,810	1.4	2.9	.0	.0	.0	43.4	11.6	5.8
Galveston.........	206,014	12.2	1.4	.4	.1	.1	25.5	16.1	15.6
Garza.............	5,499	14.5	.0	.0	.0	.0	58.2	21.8	7.3
Gillespie.........	14,435	11.1	2.8	.0	.0	.0	34.6	15.2	2.8
Glasscock.........	1,267	.0	.0	.0	.0	.0	47.4	15.8	15.8
Goliad............	5,510	7.3	7.3	.0	.0	.0	39.9	3.6	.0
Gonzales..........	17,932	6.7	.0	.0	.0	.0	36.8	12.3	12.3
Gray..............	26,949	8.2	.0	.7	.0	.0	20.0	14.8	11.1
Grayson...........	92,702	10.4	2.2	.4	.4	.0	33.7	13.8	7.6
Gregg.............	106,400	9.0	.6	.2	.0	.0	34.6	13.9	16.2
Grimes............	16,220	8.6	.0	.0	.0	.0	39.5	8.6	12.3
Guadalupe.........	50,492	7.9	1.2	.0	.0	.0	31.3	17.4	9.1
Hale..............	37,547	4.8	.5	.5	.0	.0	29.3	10.7	9.1
Hall..............	5,279	22.7	.0	.0	.0	.0	30.3	15.2	7.6
Hamilton..........	8,194	14.6	4.9	.0	.0	.0	41.5	19.5	14.6
Hansford..........	6,376	3.1	.0	.0	.0	.0	40.8	15.7	6.3
Hardeman..........	6,454	9.3	3.1	.0	.0	.0	37.2	6.2	3.1
Hardin............	41,908	9.1	.0	.5	.0	.5	38.7	8.6	9.5
Harris............	2,618,311	9.6	.6	.3	.1	.5	24.2	14.6	25.8
Harrison..........	55,105	14.5	2.2	.7	.4	.4	28.7	10.2	13.1
Hartley...........	4,037	5.0	.0	.0	.0	.0	29.7	9.9	.0
Haskell...........	7,527	15.9	2.7	.0	.0	.0	31.9	10.6	10.6
Hays..............	47,007	8.1	.9	.9	.0	.0	25.1	11.1	8.5
Hemphill..........	5,579	3.6	.0	.0	.0	.0	25.1	7.2	10.8
Henderson.........	46,715	11.6	.4	.0	.0	.0	42.0	15.0	15.4
Hidalgo...........	319,708	7.9	.3	.3	.1	.0	20.7	5.8	6.4
Hill..............	26,122	10.7	.0	.8	.0	.0	29.1	6.1	10.0
Hockley...........	24,325	4.9	1.6	.8	.0	.0	33.7	9.0	4.9
Hood..............	21,216	9.4	.0	.0	.0	.0	32.1	15.1	6.6
Hopkins...........	26,832	7.5	3.0	.0	.0	.0	30.6	14.2	3.7
Houston...........	22,443	5.3	1.8	.0	.0	.0	36.5	4.5	11.6

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Crosby	4.6	2.3	0.0	0.0	0.0	6.9	14.3	21.4	6	243	2	229
Culberson	29.1	.0	.0	.0	.0	29.1	45.6	68.8	98	2	81	14
Dallam	9.2	.0	.0	3.1	.0	12.3	36.6	49.8	91	20	16	175
Dallas	13.1	6.0	4.0	.3	.2	23.2	29.0	42.2	77	73	65	40
Dawson	14.7	2.4	.0	.0	.0	17.1	19.5	30.6	35	207	39	92
Deaf Smith	10.6	4.8	1.0	.0	.0	16.3	23.3	34.9	54	151	35	108
Delta	.0	8.3	.0	.0	.0	8.3	26.1	32.4	55	149	4	222
Denton	7.8	1.9	1.1	.1	.2	10.9	19.3	28.4	29	218	11	192
De Witt	16.6	3.1	.0	.0	.0	19.7	26.1	38.0	65	104	51	62
Dickens	.0	.0	.0	.0	.0	.0	7.9	10.2	0	249	...	...
Dimmit	11.9	3.4	3.4	.0	.0	18.7	22.5	32.1	46	178	47	73
Donley	24.4	4.9	.0	.0	.0	29.3	23.5	32.8	50	167	81	13
Duval	17.0	.0	1.5	.0	.0	18.5	31.6	46.9	85	43	46	75
Eastland	12.8	1.0	.0	.0	.0	13.8	20.9	33.1	44	183	23	148
Ector	12.3	2.8	.6	.9	.8	16.9	30.9	44.7	82	56	38	96
Edwards	19.2	9.6	.0	.0	.0	28.7	20.2	36.5	51	164	80	16
Ellis	9.2	1.8	2.5	.6	.3	13.9	24.9	35.5	58	133	23	147
El Paso	15.8	2.6	.8	.2	.3	19.4	20.5	31.9	41	191	49	67
Erath	13.5	3.4	.0	.8	.8	17.8	20.7	30.2	37	198	42	85
Falls	14.6	2.2	.0	.0	.0	16.8	24.3	35.9	58	136	38	98
Fannin	15.6	9.0	1.6	.8	.0	27.1	24.4	37.0	61	122	77	21
Fayette	20.4	4.1	.0	.0	.0	24.5	30.5	45.5	82	53	69	34
Fisher	10.2	.0	.0	.0	.0	10.2	17.1	27.7	22	227	9	200
Floyd	6.4	.0	.0	.0	.0	6.4	16.8	24.2	14	237	2	233
Foard	.0	19.5	.0	.0	.0	19.5	20.1	30.0	35	206	50	64
Fort Bend	6.6	1.1	.3	.1	.1	8.2	20.3	29.4	34	210	4	223
Franklin	16.7	2.8	.0	.0	.0	16.7	28.0	42.6	76	74	37	101
Freestone	8.8	1.3	2.5	.0	.0	13.8	27.1	37.2	66	102	23	149
Frio	9.9	.0	.0	.0	.0	9.9	20.2	30.7	37	197	8	206
Gaines	2.9	2.9	.0	.0	.0	5.8	26.8	35.3	62	117	1	235
Galveston	16.3	3.5	.7	.1	.1	20.6	28.2	43.1	77	72	54	53
Garza	18.2	3.6	3.6	.0	3.6	29.1	38.2	57.4	94	11	81	15
Gillespie	19.4	2.8	.0	.0	.0	22.2	26.2	39.1	68	93	61	44
Glasscock	.0	.0	.0	.0	.0	.0	30.5	41.1	78	71	...	...
Goliad	7.3	10.9	.0	.0	.0	18.1	27.7	36.7	66	99	44	78
Gonzales	7.8	2.2	.0	.0	.0	10.0	26.4	38.3	67	96	8	205
Gray	11.1	.0	.7	.0	.0	11.9	20.7	31.7	41	189	15	182
Grayson	15.7	5.2	.9	.4	.0	21.6	27.7	40.6	73	81	59	48
Gregg	12.2	2.1	.8	.2	.2	15.2	29.4	43.1	79	67	30	128
Grimes	14.8	1.2	.0	.0	.0	16.0	27.6	40.2	72	86	34	112
Guadalupe	11.9	2.4	.0	.0	.0	13.9	25.3	37.6	64	113	23	146
Hale	10.1	1.6	.5	.0	.0	12.8	21.7	30.9	41	187	19	166
Hall	34.1	.0	.0	.0	.0	34.1	28.6	48.1	83	51	89	5
Hamilton	19.5	4.9	.0	.0	.0	24.4	39.1	57.4	95	9	69	35
Hansford	9.4	3.1	.0	.0	.0	12.5	24.5	34.4	56	145	18	168
Hardeman	12.4	3.1	.0	.0	.0	15.5	25.2	35.9	60	126	31	126
Hardin	11.5	.5	.5	.0	.5	12.9	27.1	39.3	70	89	19	163
Harris	14.9	1.6	.4	.1	1.1	18.0	30.5	45.2	82	54	43	82
Harrison	20.0	10.9	1.1	.4	.4	30.1	29.8	44.7	81	63	83	11
Hartley	5.0	.0	.0	.0	.0	5.0	16.5	24.1	13	238	0	239
Haskell	18.6	5.3	.0	.0	.0	23.9	29.7	45.4	82	60	67	37
Hays	11.5	1.3	.9	.0	.4	13.6	21.8	32.2	44	182	22	152
Hemphill	3.6	.0	.0	.0	.0	3.6	18.5	26.2	22	229	0	240
Henderson	15.0	1.7	.0	.4	.4	18.0	33.0	49.1	88	26	43	80
Hidalgo	11.5	.6	.3	.2	.0	12.4	16.7	25.3	16	234	17	174
Hill	14.5	1.5	3.1	.8	.0	19.9	23.3	35.0	54	150	52	60
Hockley	5.8	1.6	1.6	.0	.0	9.0	22.8	31.5	45	179	5	213
Hood	13.2	.9	.0	.9	.0	15.1	23.4	35.7	56	142	29	130
Hopkins	14.2	4.5	.7	.0	.7	20.1	23.5	33.9	52	155	53	56
Houston	10.7	2.7	.9	.0	.0	13.4	25.7	35.3	60	128	21	160

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Howard	35,296	10.2	1.1	0.6	0.0	0.0	33.4	14.2	16.4
Hudspeth	2,677	.0	.0	.0	.0	.0	29.9	.0	.0
Hunt	60,169	5.7	.3	.0	.0	.0	32.9	11.6	12.0
Hutchinson	27,818	10.1	.7	.7	.0	.0	25.2	18.7	5.0
Irion	1,668	.0	.0	.0	.0	.0	.0	24.0	.0
Jack	7,503	10.7	.0	.0	.0	.0	21.3	5.3	5.3
Jackson	13,534	10.3	1.5	.0	.0	.0	41.4	14.8	7.4
Jasper	31,390	9.6	1.3	.6	.0	.0	39.5	9.6	8.3
Jeff Davis	1,699	.0	11.8	.0	.0	.0	11.8	35.3	11.8
Jefferson	254,664	12.7	1.7	.2	.2	.0	25.4	14.0	13.0
Jim Hogg	5,344	11.2	.0	.0	.0	.0	15.0	7.5	11.2
Jim Wells	38,560	9.3	.5	.5	.0	.0	35.8	9.9	7.8
Johnson	76,267	6.8	.8	.3	.5	.0	32.5	14.4	6.8
Jones	17,877	8.9	2.2	.0	1.1	.0	30.2	7.8	10.1
Karnes	13,489	19.3	.0	.0	.0	.0	46.0	10.4	8.9
Kaufman	43,639	12.8	.0	.5	.9	.5	30.7	12.4	16.0
Kendall	11,990	15.0	.0	.0	.0	.0	26.7	11.7	.0
Kenedy	560	.0	.0	.0	.0	.0	.0	.0	.0
Kent	1,195	.0	.0	.0	16.7	.0	16.7	33.5	16.7
Kerr	31,213	16.7	1.9	.0	.0	.6	34.6	12.8	8.3
Kimble	4,155	4.8	.0	.0	.0	.0	52.9	19.3	9.6
King	402	.0	.0	.0	.0	.0	49.8	.0	.0
Kinney	2,346	17.1	8.5	.0	.0	.0	51.2	.0	17.1
Kleberg	34,284	7.6	1.2	.6	.0	.0	29.8	8.8	13.4
Knox	5,468	3.7	3.7	.0	.0	.0	25.6	18.3	11.0
Lamar	43,409	7.4	.0	.5	.0	.0	29.9	9.7	9.7
Lamb	17,873	4.5	1.1	.0	.0	.0	24.6	9.0	10.1
Lampasas	12,980	10.8	.0	3.1	.0	.0	21.6	21.6	6.2
La Salle	5,713	10.5	.0	.0	.0	.0	17.5	7.0	21.0
Lavaca	19,225	12.5	4.2	.0	.0	.0	23.9	17.7	5.2
Lee	12,466	8.0	.0	.0	.0	.0	51.3	11.2	12.8
Leon	11,010	14.5	.0	.0	.0	.0	59.9	12.7	12.7
Liberty	51,072	9.8	2.3	.4	.0	.4	51.3	13.3	18.0
Limestone	21,130	13.3	.0	.9	.0	.0	34.1	18.9	11.4
Lipscomb	3,942	.0	.0	.0	.0	.0	40.6	20.3	.0
Live Oak	9,419	4.2	.0	.0	.0	.0	36.1	10.6	4.2
Llano	11,100	16.2	.0	.0	.0	.0	39.6	23.4	9.0
Loving	80	.0	.0	.0	.0	.0	.0	.0	.0
Lubbock	218,542	5.9	.4	.1	.0	.1	22.3	13.2	14.6
Lynn	8,205	9.7	.0	.0	.0	.0	46.3	17.1	.0
McCulloch	8,894	11.2	.0	2.2	.0	.0	40.5	11.2	9.0
McLennan	177,291	10.5	.7	.1	.2	.1	22.1	11.5	9.1
McMullen	863	.0	.0	.0	.0	.0	46.3	.0	.0
Madison	11,322	1.8	.0	.0	.0	.0	38.9	1.8	8.8
Marion	10,329	9.7	3.9	1.9	.0	.0	40.7	5.8	29.0
Martin	5,105	7.8	.0	.0	.0	.0	39.2	11.8	3.9
Mason	3,575	11.2	.0	.0	.0	.0	44.8	11.2	5.6
Matagorda	38,303	12.0	.5	.0	.0	.0	46.5	6.3	14.6
Maverick	34,479	2.9	.0	.0	.0	.0	19.7	1.7	3.5
Medina	24,023	5.8	.0	.0	.0	.0	38.3	7.5	5.8
Menard	2,374	.0	.0	.0	.0	.0	42.1	16.8	16.8
Midland	96,637	8.7	1.7	1.2	.0	.0	28.8	12.8	9.9
Milam	23,044	11.3	.0	.0	.0	.0	25.2	7.8	18.2
Mills	4,518	8.9	.0	.0	.0	.0	31.0	17.7	.0
Mitchell	9,218	8.7	4.3	.0	.0	.0	39.1	6.5	4.3
Montague	18,013	15.5	2.2	.0	.0	.0	35.5	10.0	6.7
Montgomery	153,260	7.4	.3	.1	.3	.3	32.2	14.6	11.0
Moore	16,968	7.1	2.4	.0	1.2	.0	23.6	21.2	8.3
Morris	14,711	10.9	1.4	.0	1.4	.0	44.9	15.0	17.7
Motley	1,841	.0	.0	.0	.0	.0	32.6	.0	.0

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Howard	11.9	3.4	0.6	0.0	0.6	15.9	30.5	44.9	82	57	33	117
Hudspeth	.0	.0	.0	.0	.0	.0	12.5	15.8	1	245	...	...
Hunt	10.0	2.0	.7	.0	.0	12.6	24.4	35.1	57	137	18	167
Hutchinson	16.5	.7	1.4	.0	.0	18.7	22.2	34.5	51	165	47	74
Irion	.0	12.0	.0	.0	.0	12.0	4.8	8.9	0	250	15	179
Jack	10.7	2.7	.0	.0	.0	10.7	16.9	26.8	20	231	10	197
Jackson	16.3	3.0	.0	.0	.0	19.2	29.5	43.4	79	64	48	71
Jasper	13.4	1.3	1.3	.0	.6	15.9	28.2	40.8	74	77	33	115
Jeff Davis	.0	11.8	.0	.0	.0	11.8	29.3	38.6	72	85	14	184
Jefferson	17.6	4.0	.5	.3	.2	22.5	26.9	41.2	73	83	62	42
Jim Hogg	15.0	.0	.0	.0	.0	15.0	17.7	28.6	26	225	29	133
Jim Wells	11.9	1.6	.5	.0	2.1	15.6	25.5	37.5	64	112	31	125
Johnson	12.3	2.4	.3	.5	.8	16.0	24.1	35.0	56	143	33	114
Jones	10.1	5.6	1.1	1.1	.0	16.8	26.0	37.2	64	109	37	100
Karnes	22.2	3.0	.0	1.5	.0	25.2	33.5	52.2	90	21	71	29
Kaufman	17.4	2.3	1.8	1.4	.5	22.5	30.0	45.1	82	59	62	43
Kendall	15.0	1.7	.0	.0	.0	15.0	19.7	32.7	41	190	29	131
Kenedy	35.7	.0	.0	.0	.0	35.7	.0	.0	...	...	91	4
Kent	.0	16.7	.0	16.7	.0	33.5	38.3	48.7	91	19	88	7
Kerr	25.6	5.1	1.3	.6	.6	32.7	30.4	46.8	84	50	86	8
Kimble	14.4	.0	4.8	.0	.0	19.3	32.6	45.9	85	44	49	70
King	.0	.0	.0	.0	.0	.0	20.9	26.4	28	220	...	...
Kinney	17.1	8.5	.0	.0	.0	25.6	45.0	62.8	97	3	72	26
Kleberg	15.8	2.3	.6	.0	3.5	21.6	25.4	36.5	62	118	59	47
Knox	11.0	3.7	.0	.0	.0	14.6	24.7	34.5	56	141	27	138
Lamar	12.4	3.7	.9	.0	.0	16.1	22.5	33.1	48	171	34	111
Lamb	6.7	1.1	1.1	.0	.0	9.0	19.8	28.2	30	216	5	215
Lampasas	16.9	.0	3.1	.0	.0	20.0	23.8	36.7	59	132	53	57
La Salle	17.5	.0	.0	.0	.0	17.5	22.9	35.3	54	152	41	89
Lavaca	17.7	4.2	.0	2.1	.0	23.9	25.3	38.6	65	107	67	36
Lee	11.2	1.6	.0	.0	.0	12.8	33.1	47.2	86	35	19	164
Leon	18.2	.0	1.8	.0	.0	20.0	39.7	58.4	95	5	52	58
Liberty	12.1	3.1	1.2	.0	.8	16.8	39.8	56.1	94	10	38	97
Limestone	22.7	1.9	.9	.9	.0	25.6	29.8	45.9	82	55	72	27
Lipscomb	.0	.0	.0	.0	.0	.0	21.1	29.0	35	204	...	...
Live Oak	8.5	.0	.0	.0	.0	8.5	21.0	29.8	37	200	4	219
Llano	19.8	1.8	.0	.0	.0	21.6	32.2	50.8	89	25	59	46
Loving	.0	.0	.0	.0	.0	.0	.0	.0	...	...	...	...
Lubbock	8.7	.9	.1	.3	.3	10.1	21.8	32.2	45	181	8	203
Lynn	9.7	.0	.0	.0	.0	9.7	26.9	40.1	71	88	7	207
McCulloch	11.2	2.2	2.2	.0	.0	15.7	30.3	44.3	81	62	32	122
McLennan	14.6	2.5	.5	.6	.5	18.3	21.3	32.9	45	180	45	76
McMullen	.0	.0	.0	.0	.0	.0	19.5	24.6	21	230	...	...
Madison	5.3	.0	.0	.0	.0	5.3	21.6	28.6	35	205	1	238
Marion	11.6	9.7	1.9	.0	1.9	25.2	41.7	57.3	96	4	71	30
Martin	7.8	.0	.0	.0	.0	11.8	23.9	35.1	56	144	14	185
Mason	16.8	.0	.0	.0	.0	16.8	28.3	42.1	76	75	37	99
Matagorda	17.2	2.6	4.7	.5	3.1	24.5	33.1	48.2	87	32	69	33
Maverick	9.3	.6	.0	.0	.0	10.4	11.5	16.1	1	247	10	198
Medina	10.0	.0	.0	.0	.0	10.8	22.7	32.3	47	174	11	193
Menard	8.4	.0	.0	.0	.0	8.4	29.0	39.3	73	82	4	220
Midland	12.2	3.1	1.4	.4	.2	17.0	25.8	37.5	64	108	39	94
Milam	15.6	.0	.0	.0	.0	15.6	25.3	38.6	65	106	31	124
Mills	13.3	4.4	.0	.0	4.4	22.1	20.2	31.4	39	195	61	45
Mitchell	19.5	6.5	.0	.0	.0	28.2	27.6	38.5	69	91	79	17
Montague	21.1	2.2	3.3	1.1	.0	27.8	28.6	43.8	79	69	78	18
Montgomery	10.0	1.0	.1	.3	.4	11.5	25.6	37.5	64	111	13	186
Moore	10.6	3.5	.0	1.2	.0	14.1	24.5	35.9	58	134	24	143
Morris	15.0	2.7	.0	1.4	.0	19.0	37.3	53.7	93	15	48	72
Motley	.0	.0	.0	.0	.0	.0	13.7	17.3	3	244	...	...

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Nacogdoches	48,497	7.0	0.4	0.8	0.0	0.0	37.5	12.4	12.8
Navarro	37,148	10.2	1.1	1.1	1.1	.0	29.1	13.5	9.7
Newton	13,245	6.0	.0	.0	.0	.0	30.2	15.1	10.6
Nolan	17,693	6.8	.0	1.1	.0	.0	35.0	10.2	4.5
Nueces	283,800	11.6	3.8	.3	.1	.1	22.8	12.9	14.1
Ochiltree	10,321	1.9	3.9	.0	.0	.0	34.9	15.5	5.8
Oldham	2,555	15.7	.0	.0	.0	.0	23.5	7.8	.0
Orange	85,885	6.5	1.9	.0	.5	.0	33.5	11.9	8.6
Palo Pinto	25,358	12.6	3.9	.0	.0	.0	35.5	14.2	11.0
Panola	21,701	7.4	.0	.0	.0	.0	50.7	13.8	13.8
Parker	49,437	6.1	1.2	.0	.0	.0	27.9	14.2	10.1
Parmer	10,891	3.7	.0	.0	.0	.0	40.4	7.3	3.7
Pecos	16,121	9.9	.0	1.2	.0	.0	54.6	7.4	8.7
Polk	26,982	8.2	.0	.7	.0	.0	40.0	11.1	11.9
Potter	103,155	11.4	.4	.4	.2	.0	31.6	19.2	15.9
Presidio	5,472	18.3	.0	.0	.0	.0	47.5	7.3	18.3
Rains	5,355	18.7	.0	.0	.0	.0	56.0	11.2	11.2
Randall	80,630	6.2	.5	.2	.0	.0	19.1	9.9	5.5
Reagan	4,633	4.3	.0	.0	.0	.0	51.8	4.3	.0
Real	2,642	.0	.0	.0	.0	.0	53.0	.0	.0
Red River	15,910	11.3	2.5	.0	.0	.0	41.5	13.8	12.6
Reeves	16,067	16.2	1.2	.0	.0	.0	37.3	7.5	12.4
Refugio	9,174	8.7	2.2	.0	.0	.0	48.0	10.9	4.4
Roberts	1,167	17.1	.0	.0	.0	.0	34.3	.0	.0
Robertson	15,405	2.6	2.6	.0	.0	.0	41.5	7.8	7.8
Rockwall	17,692	4.5	.0	.0	.0	.0	23.7	22.6	6.8
Runnels	12,180	4.9	.0	.0	.0	.0	29.6	16.4	8.2
Rusk	42,400	6.1	.0	.0	.0	.0	36.3	6.1	17.5
Sabine	9,237	15.2	.0	.0	2.2	.0	58.5	19.5	2.2
San Augustine	8,829	6.8	.0	.0	.0	.0	47.6	9.1	4.5
San Jacinto	12,842	12.5	1.6	1.6	.0	.0	45.2	12.5	10.9
San Patricio	59,896	10.7	.3	.0	.0	.0	32.1	6.0	10.4
San Saba	5,987	10.0	.0	.0	.0	.0	26.7	10.0	10.0
Schleicher	3,100	6.5	.0	.0	.0	.0	19.4	.0	.0
Scurry	19,265	6.2	1.0	1.0	.0	.0	31.1	7.3	9.3
Shackelford	4,029	14.9	.0	.0	.0	.0	39.7	19.9	5.0
Shelby	23,504	10.2	.9	.0	.0	.9	42.5	8.5	13.6
Sherman	3,180	.0	.0	.0	.0	.0	81.8	6.3	6.3
Smith	138,059	7.4	1.0	.6	.0	.3	28.5	14.8	14.2
Somervell	4,383	9.1	.0	.0	.0	.0	45.6	18.3	22.8
Starr	31,023	5.2	.0	.0	.0	.0	23.2	8.4	12.2
Stephens	10,274	9.7	.0	.0	.0	.0	38.9	11.7	9.7
Sterling	1,417	.0	.0	.0	.0	.0	.0	.0	.0
Stonewall	2,411	8.3	.0	.0	.0	.0	24.9	24.9	.0
Sutton	5,363	3.7	3.7	3.7	.0	.0	59.7	29.8	3.7
Swisher	9,339	4.3	2.1	.0	.0	.0	27.8	12.8	10.7
Tarrant	943,181	10.6	1.1	.2	.0	.1	24.4	11.9	15.9
Taylor	117,508	6.8	.7	.2	.3	.0	22.3	12.6	8.9
Terrell	1,566	38.3	.0	.0	.0	.0	38.3	.0	.0
Terry	15,026	5.3	2.7	.0	.0	.0	28.0	17.3	5.3
Throckmorton	2,201	.0	.0	.0	.0	.0	36.3	27.3	9.1
Titus	22,239	8.1	.9	.9	.9	.9	42.3	13.5	13.5
Tom Green	91,394	11.2	.0	.0	.0	.0	25.6	15.5	9.8
Travis	469,459	8.0	2.0	.3	.2	.1	24.3	13.9	12.9
Trinity	10,511	13.3	1.9	.0	.0	.0	26.6	11.4	9.5
Tyler	17,107	5.8	.0	1.2	.0	.0	18.7	9.4	7.0
Upshur	30,890	7.1	1.3	.0	.6	.0	27.2	9.7	11.0
Upton	5,119	3.9	.0	.0	.0	.0	43.0	19.5	19.5
Uvalde	23,531	6.8	.8	.0	.0	.0	26.3	8.5	8.5
Val Verde	38,023	10.5	.5	.0	.5	.0	14.2	5.8	5.3

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates: Minimum	Range of Rates: Maximum	Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
Nacogdoches.......	9.5	3.7	1.2	0.0	0.0	14.0	28.4	40.5	74	78	24	145
Navarro...........	16.2	4.3	1.6	1.1	.5	21.5	26.9	39.5	70	90	59	49
Newton............	9.1	.0	.0	.0	.0	9.1	23.1	34.1	52	157	5	212
Nolan.............	11.3	2.3	1.1	.0	1.1	15.8	22.8	32.8	48	172	33	118
Nueces............	16.0	7.3	.4	.1	8.3	31.1	27.7	41.1	74	79	85	9
Ochiltree.........	1.9	3.9	1.9	.0	.0	7.8	25.2	33.7	55	146	3	226
Oldham............	15.7	.0	.0	.0	.0	15.7	17.8	30.2	30	215	32	123
Orange............	9.5	2.8	.2	.5	.5	12.8	25.5	36.2	61	120	19	165
Palo Pinto........	16.6	5.5	.8	.0	.8	23.7	32.1	47.1	85	40	66	38
Panola............	12.9	.9	1.8	.0	.0	16.6	33.6	47.8	87	30	36	102
Parker............	9.3	2.0	.4	.0	.0	11.3	23.0	33.5	50	166	12	188
Parmer............	3.7	.0	.0	.0	.0	5.5	21.7	30.0	39	194	1	237
Pecos.............	13.6	.0	1.2	.0	.0	14.9	33.8	47.9	88	27	28	134
Polk..............	13.3	.7	2.2	.7	.7	17.8	28.7	41.4	76	76	42	84
Potter............	15.7	3.1	.6	.2	.6	19.6	30.2	45.9	83	52	50	63
Presidio..........	25.6	7.3	.0	.0	.0	36.6	37.5	56.9	94	12	91	3
Rains.............	26.1	.0	3.7	.0	.0	29.9	38.7	58.7	95	7	82	12
Randall...........	9.4	1.5	1.0	.0	.5	12.4	15.9	23.9	12	239	17	172
Reagan............	8.6	.0	.0	.0	.0	8.6	24.4	33.2	53	154	5	216
Real..............	.0	.0	.0	.0	.0	.0	22.3	28.1	36	202	...	...
Red River.........	12.6	3.8	.0	.0	.0	16.3	33.2	48.4	88	29	35	107
Reeves............	19.9	5.0	.0	.0	1.2	24.9	30.9	47.1	84	45	70	31
Refugio...........	8.7	6.5	.0	2.2	.0	15.3	30.1	42.7	79	65	30	127
Roberts...........	17.1	.0	.0	.0	.0	17.1	21.4	34.4	49	168	39	93
Robertson.........	13.0	3.9	.0	.0	.0	16.9	26.3	35.0	60	124	38	95
Rockwall..........	9.0	.0	1.1	.0	.0	10.2	19.5	29.6	32	212	9	201
Runnels...........	14.8	1.6	.0	.0	.0	16.4	21.6	31.7	43	185	35	104
Rusk..............	9.0	1.4	.0	.5	.5	10.4	27.2	38.5	69	92	9	199
Sabine............	15.2	2.2	.0	2.2	.0	19.5	37.8	56.1	94	13	50	65
San Augustine.....	11.3	.0	.0	.0	.0	11.3	26.7	37.9	67	97	12	189
San Jacinto.......	17.1	1.6	1.6	.0	.0	20.2	34.8	50.5	90	22	53	55
San Patricio......	14.7	1.3	.0	.3	2.0	18.0	24.2	36.3	59	130	44	79
San Saba..........	13.4	.0	.0	.0	.0	13.4	22.0	33.8	49	169	21	161
Schleicher........	6.5	.0	.0	.0	.0	6.5	10.8	16.4	1	248	2	232
Scurry............	9.3	2.1	1.0	.0	1.0	13.5	23.6	33.2	51	163	22	157
Shackelford.......	14.9	5.0	.0	.0	.0	19.9	29.1	45.7	81	61	52	61
Shelby............	13.6	2.6	.0	.9	.9	17.9	31.9	45.8	84	46	43	83
Sherman...........	.0	.0	.0	.0	6.3	6.3	38.6	49.7	92	17	1	234
Smith.............	10.4	2.9	1.2	.0	.4	14.6	26.5	38.6	67	94	27	139
Somervell.........	9.1	4.6	.0	.0	.0	13.7	37.3	54.2	93	14	23	150
Starr.............	5.8	.0	.0	.0	.6	7.1	19.3	28.1	29	219	2	228
Stephens..........	23.4	3.9	.0	.0	.0	27.3	27.3	40.4	72	87	77	20
Sterling..........	14.1	.0	.0	.0	.0	14.1	.0	.0	...	...	24	144
Stonewall.........	8.3	.0	.0	.0	.0	8.3	18.8	30.3	32	213	4	221
Sutton............	11.2	11.2	3.7	.0	.0	26.1	41.8	56.1	95	6	73	25
Swisher...........	10.7	2.1	2.1	.0	.0	15.0	23.2	32.6	49	170	29	132
Tarrant...........	14.5	2.9	.6	.1	.3	17.7	25.9	39.0	67	95	42	86
Taylor............	9.9	3.1	.5	.3	.5	13.4	20.0	29.8	34	209	21	159
Terrell...........	38.3	12.8	.0	.0	.0	38.3	31.8	56.7	92	16	93	2
Terry.............	8.0	2.7	.0	1.3	.0	12.0	22.5	32.3	46	177	15	180
Throckmorton......	9.1	.0	.0	.0	.0	9.1	25.0	35.2	58	135	6	211
Titus.............	12.6	2.7	.9	.9	.9	16.2	33.7	47.3	87	33	34	110
Tom Green.........	16.2	1.3	.0	.0	.4	18.2	23.1	36.2	56	140	44	77
Travis............	11.6	4.0	.6	.2	.3	16.4	24.9	36.4	61	123	36	103
Trinity...........	20.9	3.8	.0	.0	.0	22.8	25.3	39.0	66	101	63	41
Tyler.............	5.8	1.2	1.2	1.2	.0	9.4	16.6	24.6	14	236	6	209
Upshur............	9.7	2.6	.0	.6	.6	13.6	23.4	33.8	52	158	22	154
Upton.............	7.8	.0	.0	.0	.0	7.8	32.7	46.2	85	41	3	225
Uvalde............	8.5	2.5	.0	.0	.0	9.3	20.4	29.9	35	203	6	210
Val Verde.........	13.7	1.6	.5	.5	.0	15.8	15.0	24.1	10	240	32	121

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Van Zandt.........	34,152	7.6	0.0	0.0	0.6	0.0	42.7	18.2	8.2
Victoria..........	72,312	9.1	.8	.0	.0	.0	28.8	10.2	8.6
Walker............	46,718	7.3	.4	.0	.0	.0	24.8	8.1	7.3
Waller............	21,632	11.1	.0	.0	.0	.9	37.0	8.3	18.5
Ward..............	14,896	6.7	.0	.0	.0	.0	44.3	22.8	12.1
Washington........	23,910	5.9	.0	.0	.0	.0	35.1	15.9	7.5
Webb..............	109,647	14.8	.7	.2	.0	.0	12.0	6.9	10.2
Wharton...........	40,664	6.9	.0	.0	.0	.0	34.4	5.4	8.9
Wheeler...........	7,357	8.2	.0	.0	.0	.0	65.2	2.7	2.7
Wichita...........	124,304	10.9	1.3	.5	.2	.0	23.8	12.1	10.1
Wilbarger.........	16,460	4.9	.0	.0	.0	.0	19.4	13.4	9.7
Willacy...........	18,310	10.9	.0	1.1	.0	.0	26.2	3.3	6.6
Williamson........	89,963	5.8	.4	.0	.0	.0	28.7	11.3	4.0
Wilson............	17,542	5.7	.0	.0	.0	.0	36.5	10.3	8.0
Winkler...........	10,481	9.5	.0	.0	.0	.0	36.3	22.9	13.4
Wise..............	29,097	6.2	.0	.0	.0	.7	39.2	13.1	5.5
Wood..............	26,117	10.7	.0	.8	.0	.0	39.8	16.1	8.4
Yoakum............	8,901	4.5	2.2	.0	.0	.0	42.7	9.0	4.5
Young.............	19,527	6.1	3.1	.0	2.0	.0	34.8	11.3	3.1
Zapata............	7,494	18.7	.0	.0	.0	.0	56.0	.0	8.0
Zavala............	11,932	15.1	.0	.0	.0	.0	31.8	8.4	11.7
Utah...............	1,551,871	6.5	1.1	.3	.1	.1	21.2	13.2	3.4
Beaver............	4,746	4.2	.0	.0	.0	.0	50.6	21.1	.0
Box Elder.........	34,811	6.3	1.1	.0	.0	.0	23.6	10.3	3.4
Cache.............	61,149	5.9	1.0	.0	.0	.0	14.4	10.5	1.0
Carbon............	23,031	8.7	2.6	.0	.0	.0	27.8	18.2	4.3
Daggett...........	796	.0	.0	.0	.0	.0	25.1	.0	.0
Davis.............	160,253	4.0	.4	.1	.0	.0	14.7	8.9	1.9
Duchesne..........	14,171	7.1	.0	.0	1.4	.0	32.5	22.6	4.2
Emery.............	12,094	5.0	.0	.0	.0	.0	24.8	13.2	5.0
Garfield..........	3,886	.0	5.1	.0	.0	.0	36.0	30.9	5.1
Grand.............	7,917	7.6	2.5	.0	.0	.0	58.1	12.6	10.1
Iron..............	18,479	7.6	2.2	.0	.0	.0	26.0	13.0	3.2
Juab..............	5,764	17.3	3.5	.0	.0	.0	34.7	3.5	.0
Kane..............	4,340	9.2	4.6	.0	.0	.0	32.3	13.8	.0
Millard...........	11,389	5.3	.0	.0	.0	.0	31.6	10.5	1.8
Morgan............	5,021	4.0	.0	.0	.0	.0	23.9	11.9	.0
Piute.............	1,388	14.4	.0	.0	.0	.0	14.4	28.8	.0
Rich..............	2,279	.0	.0	.0	.0	.0	26.3	.0	.0
Salt Lake.........	654,147	7.8	.9	.4	.2	.1	19.0	14.9	4.2
San Juan..........	11,910	10.1	5.0	6.7	.0	.0	53.7	15.1	5.0
Sanpete...........	15,658	10.2	1.3	.0	.0	.0	31.9	11.5	.0
Sevier............	15,285	6.5	.0	1.3	.0	.0	22.2	15.7	.0
Summit............	11,265	5.3	.0	.0	.0	.0	33.7	19.5	3.6
Tooele............	27,691	7.9	1.4	.7	.0	1.4	33.9	23.8	2.9
Uintah............	23,472	20.4	5.1	.9	.9	.0	49.4	20.4	9.4
Utah..............	228,626	2.0	.6	.1	.1	.0	18.4	8.4	1.7
Wasatch...........	9,108	4.4	.0	2.2	.0	.0	35.1	11.0	.0
Washington........	29,834	4.7	.7	.0	.0	.0	26.1	12.1	2.0
Wayne.............	2,027	9.9	.0	.0	.0	.0	19.7	.0	9.9
Weber.............	151,335	7.9	2.1	.3	.3	.0	22.6	14.3	5.2
Vermont............	521,703	10.8	1.7	.2	.3	.2	22.4	15.1	2.5
Addison...........	30,262	7.3	.0	.0	.0	.0	27.8	11.2	1.3
Bennington........	34,171	13.5	4.1	.0	.6	.6	27.5	17.6	2.9
Caledonia.........	26,092	10.7	1.5	.8	.8	.0	16.9	17.6	3.8
Chittenden........	118,338	9.3	.7	.2	.0	.5	13.9	13.0	1.9

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirr-hosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Per-centile)	Rank in State	Rank in U.S. (Per-centile)	Rank in State
							Mini-mum	Maxi-mum				
Van Zandt	14.6	0.6	1.2	1.2	0.6	17.6	29.1	42.4	78	70	41	88
Victoria	12.4	2.2	.3	.3	.0	14.7	22.7	34.0	51	162	27	137
Walker	8.1	.4	.0	.0	.0	8.6	18.9	28.2	27	221	5	217
Waller	16.6	1.8	.0	.0	.9	19.4	31.4	46.0	84	49	49	68
Ward	8.1	1.3	.0	.0	.0	10.7	31.6	46.0	84	47	10	195
Washington	6.7	.8	.0	.0	.0	7.5	23.9	34.9	55	147	3	227
Webb	22.4	1.3	1.6	.0	.4	25.4	18.2	30.4	31	214	72	28
Wharton	13.3	.5	.5	1.0	.5	14.8	22.5	32.5	47	175	27	135
Wheeler	10.9	.0	2.7	.0	.0	13.6	32.6	45.1	84	48	22	155
Wichita	16.3	4.5	1.0	.2	.5	21.4	23.6	35.9	57	138	58	51
Wilbarger	7.3	.0	1.2	.0	.0	8.5	17.4	26.1	19	232	5	218
Willacy	15.3	1.1	1.1	.0	1.1	16.4	20.3	30.8	38	196	35	106
Williamson	8.2	1.3	.2	.0	.7	10.7	19.0	27.9	27	222	10	196
Wilson	9.1	4.6	.0	.0	.0	13.7	23.5	33.7	52	160	22	151
Winkler	11.4	1.9	.0	.0	.0	13.4	30.0	45.3	82	58	21	162
Wise	8.2	.0	.0	.0	.7	9.6	24.9	35.7	59	131	7	208
Wood	16.1	3.1	1.5	.0	.0	19.9	29.1	43.4	79	68	52	59
Yoakum	6.7	2.2	.0	.0	.0	6.7	25.9	35.3	60	125	2	231
Young	8.2	6.1	.0	4.1	.0	17.4	26.0	35.6	61	121	41	90
Zapata	26.7	2.7	.0	.0	.0	26.7	35.0	52.6	91	18	76	23
Zavala	23.5	.0	.0	.0	.0	23.5	26.8	41.8	73	80	66	39
Utah	9.8	3.0	.7	.2	.3	13.6	17.4	26.1	-	-	-	-
Beaver	8.4	.0	4.2	.0	.0	12.6	27.2	38.6	69	6	18	16
Box Elder	8.6	3.4	.6	.0	.0	12.1	17.3	25.7	18	21	16	17
Cache	7.2	1.3	1.0	.3	.3	9.8	12.0	18.7	2	25	7	23
Carbon	13.0	4.3	1.7	.0	.0	18.2	23.5	35.1	55	10	45	9
Daggett	25.1	.0	.0	.0	.0	25.1	10.6	13.3	0	29	71	3
Davis	6.0	1.7	.1	.0	.0	7.7	11.0	16.6	1	27	3	26
Duchesne	8.5	5.6	.0	2.8	.0	16.9	24.4	36.4	60	8	38	10
Emery	9.9	1.7	.0	.0	.0	11.6	17.4	25.9	19	19	13	18
Garfield	.0	10.3	.0	.0	.0	10.3	28.9	39.0	72	4	9	21
Grand	12.6	2.5	.0	.0	.0	15.2	37.3	51.7	92	3	30	13
Iron	10.8	4.3	.0	.0	.0	14.1	20.3	30.0	36	14	24	15
Juab	17.3	3.5	.0	.0	.0	20.8	25.9	39.6	68	7	56	5
Kane	9.2	4.6	.0	.0	4.6	18.4	24.7	35.6	58	9	46	6
Millard	5.3	1.8	1.8	.0	.0	8.8	18.4	26.8	23	17	5	24
Morgan	8.0	.0	.0	.0	.0	8.0	14.1	20.9	5	24	4	25
Piute	14.4	.0	.0	.0	.0	14.4	17.7	32.0	34	16	26	14
Rich	.0	.0	.0	.0	.0	.0	11.1	14.0	0	28	...	...
Salt Lake	11.7	3.3	.7	.3	.5	15.9	17.8	27.3	23	18	33	12
San Juan	15.1	5.0	6.7	.0	1.7	28.5	43.8	58.6	96	2	80	2
Sanpete	16.6	6.4	.0	.0	.0	23.0	21.2	32.2	43	12	64	4
Sevier	11.8	5.2	2.6	.0	.0	18.3	16.5	25.1	15	23	45	7
Summit	8.9	1.8	.0	.0	.0	10.7	21.9	32.4	45	11	10	20
Tooele	11.6	2.2	2.2	.0	2.2	16.6	27.3	39.8	71	5	37	11
Uintah	27.3	7.7	2.6	.9	.0	35.8	44.5	66.0	97	1	91	1
Utah	3.8	1.3	.2	.1	.0	5.5	11.8	16.7	1	26	1	28
Wasatch	8.8	.0	2.2	.0	.0	11.0	20.9	29.1	35	15	11	19
Washington	4.7	.7	.7	.0	.0	6.0	16.9	24.7	16	22	1	27
Wayne	9.9	.0	.0	.0	.0	9.9	17.0	26.1	19	20	7	22
Weber	12.3	5.3	.8	.5	.3	18.2	20.7	30.7	39	13	45	8
Vermont	17.1	7.1	3.5	.5	.6	28.0	20.5	31.8	-	-	-	-
Addison	9.9	4.6	5.3	.0	.0	19.8	17.5	26.6	21	12	51	13
Bennington	20.5	6.4	3.5	.6	.6	31.0	27.2	41.0	73	2	84	5
Caledonia	15.3	6.1	2.3	1.5	.0	25.3	19.9	31.2	38	10	71	8
Chittenden	14.7	5.6	2.9	.3	.8	23.0	14.5	23.5	9	14	64	11

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Essex	6,365	3.1	0.0	0.0	0.0	0.0	34.6	15.7	6.3
Franklin	35,641	12.3	3.4	.0	.0	.0	26.4	7.3	3.4
Grand Isle	4,819	16.6	.0	.0	.0	.0	24.9	12.5	4.2
Lamoille	17,360	12.7	1.2	.0	.0	.0	39.2	23.0	5.8
Orange	23,342	6.0	1.7	.0	.0	.0	18.0	19.7	1.7
Orleans	23,781	14.3	2.5	.0	.0	.0	26.1	17.7	2.5
Rutland	58,642	9.5	3.1	.3	.3	.0	25.6	16.4	3.4
Washington	53,015	12.1	2.3	.0	.8	.0	18.1	15.8	.8
Windham	38,064	15.8	.5	.0	1.1	.5	28.4	13.7	1.1
Windsor	51,811	10.0	1.5	.4	.8	.4	24.7	18.1	3.9
Virginia	5,515,528	10.3	2.5	.3	.3	1.0	18.2	13.3	8.3
Accomack	31,178	12.2	3.8	1.3	1.3	.0	26.9	14.8	9.0
Albemarle	56,438	4.6	1.8	.0	.7	.4	21.6	12.4	7.1
Alleghany	14,042	8.5	1.4	.0	.0	.0	22.8	14.2	10.0
Amelia	8,337	4.8	4.8	.0	.0	2.4	31.2	12.0	12.0
Amherst	28,980	12.4	.0	.0	.0	.0	24.2	10.4	5.5
Appomattox	12,198	14.8	3.3	.0	1.6	.0	36.1	4.9	1.6
Arlington	155,029	15.5	.6	.1	.3	1.3	9.3	14.4	4.5
Augusta	53,806	9.7	1.1	.0	.0	.4	29.7	10.8	5.9
8ath	5,528	14.5	18.1	.0	.0	.0	25.3	18.1	.0
Bedford	36,356	7.7	1.7	.0	.0	1.1	22.6	17.1	10.5
Bland	6,437	12.4	.0	.0	3.1	.0	15.5	18.6	6.2
8otetourt	23,635	8.5	2.5	.0	.0	1.7	22.8	16.1	5.1
8runswick	16,000	7.5	7.5	1.3	1.3	5.0	33.8	11.3	16.3
8uchanan	37,714	4.8	1.1	1.1	.0	1.1	35.0	12.7	11.1
8uckingham	12,013	5.0	3.3	1.7	.0	5.0	28.3	15.0	8.3
Campbell	45,940	7.0	2.2	.9	.0	.9	18.7	18.3	6.5
Caroline	18,460	11.9	2.2	.0	.0	.0	34.7	13.0	10.8
Carroll	27,896	5.0	3.6	.7	.0	1.4	29.4	16.5	4.3
Charles City	6,683	6.0	.0	.0	.0	.0	29.9	15.0	18.0
Charlotte	12,056	10.0	3.3	.0	.0	.0	38.2	18.2	1.7
Chesterfield	151,153	6.2	1.2	.0	.1	.4	14.3	11.9	5.8
Clarke	10,039	15.9	4.0	.0	.0	.0	29.9	10.0	4.0
Craig	3,983	10.0	.0	.0	.0	.0	25.1	30.1	.0
Culpeper	23,101	8.7	.9	.0	.9	.0	29.4	13.9	6.1
Cumberland	7,834	15.3	.0	.0	.0	.0	38.3	23.0	12.8
Dickenson	20,077	8.0	.0	1.0	1.0	2.0	23.9	27.9	12.0
Dinwiddie	21,566	9.3	1.9	.0	.9	.9	34.3	13.0	9.3
Essex	8,875	6.8	.0	.0	.0	.0	24.8	6.8	11.3
Fairfax	639,177	6.4	.5	.1	.0	.3	11.2	11.1	2.7
Fauquier	37,692	10.6	2.7	.0	.0	.5	26.5	13.3	7.4
Floyd	11,639	18.9	12.0	3.4	.0	1.7	49.8	12.0	3.4
Fluvanna	10,382	11.6	.0	.0	1.9	.0	32.7	7.7	15.4
Franklin	36,367	12.1	2.7	.0	.5	1.1	29.7	18.1	5.5
Frederick	34,857	14.9	1.1	.0	.0	.6	16.1	14.9	2.9
Giles	17,787	14.6	3.4	1.1	1.1	2.2	27.0	15.7	4.5
Gloucester	22,848	12.3	.9	.0	.0	.9	27.1	14.9	12.3
Goochland	12,142	8.2	1.6	.0	.0	1.6	39.5	11.5	6.6
Grayson	16,516	8.5	1.2	.0	.0	.0	31.5	13.3	3.6
Greene	8,018	7.5	.0	.0	.0	2.5	32.4	17.5	.0
Greensville	10,856	12.9	.0	.0	.0	1.8	40.5	9.2	18.4
Halifax	30,205	7.9	3.3	.7	.7	2.0	27.1	15.9	10.6
Hanover	51,700	5.8	1.9	.0	.0	.4	24.8	16.2	4.3
Henrico	186,204	10.2	1.0	.1	.3	1.4	13.7	14.3	5.6
Henry	56,976	8.8	6.0	.4	.4	2.5	29.8	19.3	15.1
Highland	2,866	27.9	7.0	.0	.0	.0	14.0	41.9	7.0
Isle of Wight	22,563	5.3	.9	.9	.9	.0	23.9	10.6	9.8
James City	24,070	7.5	.8	.0	.8	.0	15.0	14.1	2.5

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Essex	9.4	3.1	3.1	0.0	0.0	15.7	21.9	31.1	42	9	32	14
Franklin	16.8	6.2	2.2	.0	.0	24.7	22.5	33.9	50	8	70	10
Grand Isle	16.6	4.2	4.2	.0	.0	24.9	21.7	36.2	53	5	70	9
Lamoille	20.7	2.3	6.9	.0	1.2	31.1	30.1	46.2	83	1	84	4
Orange	12.9	4.3	3.4	.0	.9	21.4	16.5	25.3	16	13	58	12
Orleans	18.5	9.3	5.0	.8	.8	35.3	24.1	38.1	62	3	90	2
Rutland	17.4	6.8	4.4	.3	.3	28.3	23.3	34.6	53	7	79	7
Washington	21.5	8.7	3.0	.8	.8	34.3	19.1	30.4	33	11	89	3
Windham	23.6	15.8	2.6	1.6	.5	42.6	23.7	37.8	61	4	95	1
Windsor	17.4	8.5	3.5	.8	.8	29.0	23.0	34.9	53	6	80	6
Virginia	14.7	7.4	1.3	.5	1.5	24.3	22.5	33.7	-	-	-	-
Accomack	18.6	12.2	3.2	2.6	1.3	35.9	29.9	43.5	80	37	91	35
Albemarle	6.4	9.6	2.5	.7	.4	18.1	19.6	27.8	28	115	44	104
Alleghany	14.2	10.0	.0	.0	.0	25.6	22.0	33.3	47	93	72	66
Amelia	12.0	9.6	.0	.0	2.4	21.6	30.3	40.4	77	46	59	91
Amherst	15.2	5.5	.7	.0	.0	21.4	19.9	32.0	40	103	58	92
Appomattox	18.0	18.0	1.6	3.3	.0	32.8	27.9	40.9	74	57	87	44
Arlington	20.0	2.3	.1	.5	1.7	24.0	17.6	30.2	30	113	68	76
Augusta	12.6	5.9	.4	.7	.7	19.0	22.9	34.2	52	85	48	101
Bath	21.7	36.2	7.2	3.6	.0	68.7	38.3	52.0	93	11	99	1
Bedford	11.6	4.4	.6	1.1	2.2	18.7	23.7	35.0	55	82	47	102
Bland	12.4	.0	.0	3.1	.0	15.5	21.4	34.0	48	92	31	117
Botetourt	11.0	5.1	1.7	.0	1.7	19.5	22.9	33.6	50	87	50	98
Brunswick	11.3	17.5	3.8	1.3	5.0	33.8	42.1	54.6	95	6	88	42
Buchanan	8.5	2.7	2.1	.0	3.2	15.9	27.6	38.1	69	67	33	115
Buckingham	6.7	6.7	1.7	.0	5.0	16.6	30.8	40.6	78	45	37	111
Campbell	10.4	5.2	2.2	.0	.9	17.8	21.4	31.4	42	99	43	106
Caroline	15.2	9.8	4.3	.0	.0	29.3	29.3	43.6	79	39	81	53
Carroll	6.5	6.5	2.2	.7	2.2	17.2	25.5	34.9	59	78	40	110
Charles City	12.0	.0	3.0	.0	.0	15.0	26.5	38.6	67	69	29	120
Charlotte	14.9	10.0	1.7	.0	1.7	26.5	27.9	40.8	74	58	75	59
Chesterfield	9.3	3.3	.4	.1	.5	12.8	15.4	23.3	10	128	19	130
Clarke	27.9	15.9	.0	.0	.0	39.8	26.9	41.2	73	61	94	23
Craig	25.1	.0	.0	.0	.0	25.1	20.7	34.0	46	96	71	68
Culpeper	13.0	6.9	3.5	1.7	.9	24.2	23.3	34.6	53	84	68	74
Cumberland	17.9	7.7	2.6	.0	.0	28.1	33.0	51.5	90	19	79	56
Dickenson	13.0	5.0	2.0	1.0	4.0	21.9	28.5	42.2	77	47	60	89
Dinwiddie	13.0	6.5	2.8	1.9	.9	22.3	28.9	41.4	76	50	61	88
Essex	9.0	9.0	4.5	.0	.0	22.5	19.8	29.3	32	108	62	86
Fairfax	9.4	1.3	.2	.1	.5	11.4	11.7	18.8	2	133	12	131
Fauquier	14.9	6.4	1.1	.0	1.1	22.8	24.8	37.0	62	73	63	84
Floyd	18.9	15.5	5.2	.0	1.7	39.5	49.9	68.2	98	1	94	24
Fluvanna	19.3	7.7	3.9	1.9	1.9	34.7	29.2	43.0	78	41	89	39
Franklin	14.3	7.1	1.1	1.1	1.1	23.6	28.0	41.9	76	52	66	79
Frederick	23.0	3.4	.6	.0	.6	27.0	18.9	31.8	37	104	76	57
Giles	20.2	12.4	5.6	1.1	3.4	40.5	30.5	44.8	82	33	94	21
Gloucester	16.6	5.3	1.8	.0	2.6	25.4	26.9	41.1	73	62	72	67
Goochland	16.5	8.2	.0	1.6	1.6	23.1	28.7	40.6	75	54	64	81
Grayson	9.7	12.1	1.2	.0	.0	21.8	22.3	33.2	48	90	60	90
Greene	10.0	5.0	5.0	.0	5.0	24.9	22.7	33.2	49	89	70	70
Greensville	23.9	5.5	.0	.0	1.8	31.3	34.7	50.8	90	18	85	48
Halifax	9.9	9.3	2.6	.7	3.3	23.8	29.4	41.2	76	48	67	78
Hanover	10.4	5.8	.4	.0	1.5	16.6	20.3	29.7	35	105	37	112
Henrico	15.5	5.3	.9	.5	1.6	22.4	18.2	28.6	27	118	62	87
Henry	11.2	9.8	.7	.7	3.9	24.6	36.2	50.1	91	16	69	72
Highland	34.9	14.0	7.0	.0	.0	55.8	35.9	60.9	95	5	98	3
Isle of Wight	8.9	2.7	3.5	.9	.0	15.1	21.6	30.6	40	102	29	119
James City	14.1	5.8	.8	.8	.0	20.8	15.0	23.5	10	129	55	93

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
King And Queen....	6,048	9.9	0.0	0.0	0.0	0.0	33.1	9.9	9.9
King George.......	10,857	11.1	.0	.0	.0	.0	31.3	18.4	5.5
King William......	9,611	10.4	.0	.0	.0	.0	29.1	4.2	4.2
Lancaster.........	10,504	11.4	.0	1.9	.0	1.9	19.0	20.9	11.4
Lee...............	26,379	10.6	1.5	.0	.0	4.5	24.3	18.2	11.4
Loudoun...........	60,218	6.6	.7	.3	.0	.0	23.2	9.0	3.0
Louisa............	18,451	8.7	1.1	.0	1.1	1.1	45.5	24.9	17.3
Lunenburg.........	12,158	1.6	.0	1.6	1.6	.0	29.6	9.9	6.6
Madison...........	10,385	5.8	5.8	.0	.0	1.9	42.4	19.3	13.5
Mathews...........	8,319	9.6	.0	.0	.0	2.4	21.6	19.2	4.8
Mecklenburg.......	29,659	12.1	3.4	.0	1.3	1.3	20.9	13.5	12.1
Middlesex.........	7,972	10.0	2.5	.0	.0	.0	22.6	22.6	10.0
Montgomery........	64,379	4.0	1.6	.0	.6	.3	16.2	11.8	5.6
Nelson............	12,329	17.8	3.2	1.6	1.6	.0	32.4	9.7	9.7
New Kent..........	9,294	8.6	4.3	.0	2.2	.0	32.3	23.7	10.8
Northampton.......	14,498	11.0	4.1	4.1	.0	1.4	23.5	12.4	13.8
Northumberland....	9,865	6.1	2.0	.0	.0	2.0	14.2	10.1	6.1
Nottoway..........	14,582	11.0	4.1	.0	.0	1.4	35.7	13.7	11.0
Orange............	18,556	14.0	4.3	1.1	1.1	.0	26.9	14.0	12.9
Page..............	19,544	18.4	4.1	1.0	.0	.0	16.4	17.4	6.1
Patrick...........	17,639	15.9	3.4	2.3	.0	2.3	32.9	22.7	1.1
Pittsylvania......	66,318	10.9	2.4	.6	.3	1.5	30.2	13.0	7.2
Powhatan..........	13,173	7.6	6.1	3.0	.0	3.0	18.2	13.7	3.0
Prince Edward.....	16,733	12.0	.0	.0	1.2	1.2	21.5	7.2	9.6
Prince George.....	25,885	6.2	.0	.0	.0	.8	20.9	13.1	7.0
Prince William....	180,084	6.0	.9	.1	.0	.1	16.9	9.8	3.3
Pulaski...........	35,185	5.1	1.7	.0	.0	2.8	19.3	13.1	4.5
Rappahannock......	6,091	3.3	3.3	.0	.0	.0	29.6	23.0	.0
Richmond..........	6,931	11.5	.0	.0	.0	.0	26.0	23.1	.0
Roanoke...........	72,448	10.2	.6	.6	.0	.0	16.3	15.2	5.2
Rockbridge........	17,981	12.2	1.1	.0	.0	1.1	27.8	18.9	8.9
Rockingham........	57,863	8.3	1.4	.3	.0	.3	21.4	9.3	2.4
Russell...........	32,182	9.3	1.2	1.2	.6	1.2	24.9	20.5	9.3
Scott.............	25,417	7.9	2.4	.0	.0	1.6	22.0	24.4	6.3
Shenandoah........	27,757	12.2	.7	.0	.0	1.4	24.5	7.2	3.6
Smyth.............	33,408	9.0	1.8	.6	.0	1.8	19.8	23.3	7.8
Southampton.......	18,618	3.2	1.1	.0	.0	1.1	29.0	4.3	7.5
Spotsylvania......	36,518	5.5	2.7	1.1	.5	.0	29.0	13.1	3.3
Stafford..........	44,360	5.0	1.4	.0	.5	1.8	21.2	13.1	5.4
Surry.............	6,130	3.3	.0	.0	.0	3.3	65.2	26.1	6.5
Sussex............	10,549	15.2	.0	.0	.0	3.8	32.2	11.4	7.6
Tazewell..........	51,103	13.7	1.2	.8	.0	2.0	25.4	17.2	5.1
Warren............	21,836	18.3	1.8	.0	.0	.0	22.9	13.7	5.5
Washington........	46,653	8.6	.9	.0	.0	.4	17.6	18.0	4.3
Westmoreland......	14,096	15.6	1.4	.0	.0	1.4	27.0	19.9	9.9
Wise..............	44,617	9.4	2.7	.0	.4	1.3	22.0	14.8	8.1
Wythe.............	25,516	12.5	3.9	.0	1.6	.0	23.5	12.5	10.2
York..............	46,663	5.6	.4	.4	.0	.0	13.7	9.4	6.4
Alexandria City...	106,257	19.6	1.3	.4	.2	.4	10.7	12.0	8.8
Bedford City......	6,101	13.1	9.8	.0	.0	3.3	32.8	29.5	6.6
Bristol City......	18,628	21.5	3.2	.0	1.1	4.3	16.1	9.7	4.3
Buena Vista City..	6,560	21.3	3.0	.0	.0	.0	33.5	18.3	15.2
Charlottesville City..........	41,138	16.5	4.9	1.5	.0	2.9	16.0	11.7	11.7
Chesapeake City...	121,538	7.1	1.8	.0	.2	.3	13.8	10.2	7.1
Clifton Forge City	4,988	16.0	4.0	.0	.0	.0	16.0	8.0	.0
Colonial Heights City..........	16,924	14.2	1.2	.0	.0	2.4	13.0	11.8	2.4
Covington City....	8,355	21.5	7.2	.0	.0	.0	21.5	14.4	7.2

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
King And Queen	9.9	6.6	3.3	0.0	3.3	19.8	24.6	37.0	61	74	51	95
King George	14.7	1.8	1.8	.0	.0	18.4	24.0	37.5	61	75	46	103
King William	14.6	4.2	2.1	.0	2.1	22.9	19.3	29.5	32	109	63	83
Lancaster	17.1	15.2	3.8	1.9	5.7	40.0	26.0	39.8	69	66	94	22
Lee	15.2	3.0	1.5	.0	7.6	25.8	29.6	43.0	79	40	73	63
Loudoun	10.3	3.3	1.0	.0	.0	14.6	16.7	24.9	15	124	26	123
Louisa	15.2	11.9	6.5	2.2	2.2	35.8	39.1	55.9	94	8	91	36
Lunenburg	8.2	6.6	3.3	3.3	.0	16.5	21.5	28.4	34	106	36	113
Madison	5.8	9.6	1.9	.0	1.9	17.3	38.1	51.4	92	13	40	108
Mathews	16.8	7.2	.0	.0	2.4	26.4	21.5	33.2	46	95	75	60
Mecklenburg	16.9	12.8	1.3	2.0	2.7	33.7	28.2	41.4	75	53	88	43
Middlesex	12.5	15.1	2.5	.0	.0	30.1	25.3	38.8	66	71	83	51
Montgomery	7.5	6.2	.6	.9	.3	14.9	15.9	22.8	10	127	28	121
Nelson	24.3	21.1	1.6	1.6	.0	43.8	34.0	50.5	89	20	96	15
New Kent	8.6	6.5	.0	2.2	.0	17.2	33.3	47.4	87	24	40	109
Northampton	12.4	15.2	6.9	1.4	2.8	38.6	33.0	46.0	85	28	93	26
Northumberland	8.1	8.1	2.0	.0	2.0	20.3	17.4	25.0	17	123	53	94
Nottoway	19.2	16.5	1.4	.0	1.4	38.4	32.9	46.9	86	27	93	27
Orange	19.4	19.4	4.3	1.1	1.1	42.0	32.4	47.5	86	26	95	18
Page	27.6	12.3	1.0	.0	1.0	40.9	25.9	41.7	72	63	95	19
Patrick	23.8	9.1	2.3	.0	2.3	35.1	33.3	49.6	89	23	90	37
Pittsylvania	14.8	6.0	1.8	.6	1.5	24.1	27.9	40.6	73	59	68	75
Powhatan	7.6	10.6	6.1	.0	3.0	25.8	27.1	36.0	64	72	73	62
Prince Edward	15.5	3.6	1.2	2.4	3.6	23.9	22.3	33.9	50	88	67	77
Prince George	7.0	2.3	1.5	.0	.8	10.8	18.0	27.0	23	121	11	132
Prince William	7.7	2.4	.1	.1	.2	10.4	14.2	21.5	6	131	10	133
Pulaski	9.7	8.5	4.0	.6	2.8	25.0	19.5	27.4	27	117	71	69
Rappahannock	13.1	3.3	.0	.0	.0	16.4	21.6	30.6	40	101	35	114
Richmond	28.9	2.9	.0	.0	.0	31.7	20.3	33.3	43	98	85	46
Roanoke	13.0	3.6	1.1	.3	.3	17.7	17.6	28.4	25	119	42	107
Rockbridge	14.5	11.1	.0	.0	2.2	23.4	26.9	41.3	73	60	65	80
Rockingham	10.7	4.1	.7	.0	.3	15.9	17.5	26.3	20	122	33	116
Russell	10.6	5.0	1.9	.6	1.2	18.0	27.1	39.9	71	64	44	105
Scott	11.8	7.1	.0	.0	3.1	19.7	24.3	36.1	59	79	51	97
Shenandoah	15.9	5.0	.7	.0	1.4	23.1	20.6	31.8	41	100	64	82
Smyth	15.0	8.4	1.8	.0	2.4	25.7	24.5	36.8	60	76	73	64
Southampton	6.4	5.4	1.1	.0	1.1	14.0	20.0	27.0	27	116	24	127
Spotsylvania	8.8	3.8	1.6	.5	.5	14.8	23.0	31.9	47	94	28	122
Stafford	7.2	6.8	.0	.5	1.8	14.0	19.7	27.8	29	114	24	126
Surry	6.5	.0	.0	.0	6.5	13.0	40.3	54.8	94	7	20	129
Sussex	26.5	9.5	.0	.0	3.8	37.9	29.4	44.3	80	36	92	31
Tazewell	21.9	3.9	1.2	1.6	2.3	29.0	26.0	40.0	69	65	81	55
Warren	20.1	6.4	.9	.0	.0	25.6	24.3	40.0	66	70	72	65
Washington	9.9	3.9	.4	.0	.4	14.1	17.8	28.2	25	120	24	125
Westmoreland	28.4	11.4	.0	.0	1.4	38.3	29.2	45.7	81	34	93	28
Wise	14.3	9.9	2.2	.4	2.7	29.6	24.3	35.7	58	80	82	52
Wythe	16.5	12.5	.0	1.6	.0	29.0	27.8	41.0	74	56	81	54
York	8.6	3.4	1.7	.0	.0	13.7	13.8	21.0	5	132	23	128
Alexandria City	27.5	4.9	.9	.6	.6	34.3	21.4	36.7	54	83	89	40
Bedford City	19.7	22.9	.0	.0	3.3	45.9	41.2	58.1	96	4	96	13
Bristol City	24.7	6.4	1.1	1.1	5.4	37.6	28.1	43.8	78	42	92	32
Buena Vista City	33.5	6.1	.0	.0	3.0	42.7	36.7	57.6	94	9	95	17
Charlottesville City	20.9	20.9	3.4	.0	3.9	46.7	30.6	45.2	82	31	97	11
Chesapeake City	11.8	6.4	.7	.2	.8	19.1	16.4	24.7	14	125	48	100
Clifton Forge City	28.1	24.1	.0	.0	.0	48.1	18.9	30.7	34	107	97	9
Colonial Heights City	16.5	5.9	1.2	.0	2.4	24.8	18.3	29.8	30	111	70	71
Covington City	28.7	12.0	.0	.0	.0	40.7	31.3	49.0	86	25	94	20

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Danville City.....	45,096	20.0	6.7	0.4	1.3	1.3	17.7	12.0	15.1
Emporia City......	4,713	8.5	.0	.0	4.2	4.2	42.4	4.2	17.0
Fairfax City......	19,721	11.2	.0	.0	.0	.0	25.4	22.3	4.1
Falls Church City.	10,280	19.5	.0	.0	.0	.0	13.6	19.5	13.6
Franklin City.....	7,249	8.3	2.8	.0	.0	.0	33.1	5.5	8.3
Fredericksburg City..........	15,955	16.3	7.5	.0	.0	1.3	17.5	8.8	11.3
Galax City........	6,483	6.2	6.2	3.1	.0	9.3	18.5	27.8	6.2
Hampton City......	124,833	9.0	2.9	.3	.2	.5	12.3	12.7	9.0
Harrisonburg City.	20,387	5.9	4.9	.0	1.0	2.0	12.8	13.7	3.9
Hopewell City.....	23,897	19.2	5.0	.0	.0	.0	24.3	15.1	6.7
Lexington City....	7,098	8.5	16.9	.0	.0	.0	5.6	8.5	.0
Lynchburg City....	67,413	15.4	4.7	.0	.6	1.2	15.4	14.8	11.9
Martinsville City.	18,454	19.5	9.8	1.1	3.3	2.2	21.7	18.4	19.5
Newport News City.	151,838	9.5	3.7	.7	.1	.1	13.6	10.5	12.1
Norfolk City......	275,178	10.5	4.8	.9	.3	.9	11.0	10.2	13.3
Norton City.......	4,667	21.4	4.3	4.3	4.3	.0	17.1	4.3	8.6
Petersburg City...	41,010	14.1	3.4	.0	2.0	2.4	14.1	10.2	17.1
Portsmouth City...	107,295	12.5	6.3	.4	.0	1.7	15.1	11.2	20.1
Radford City......	13,189	3.0	4.5	1.5	.0	1.5	12.1	10.6	3.0
Richmond City.....	219,316	19.3	4.7	.3	1.4	3.6	12.9	16.0	29.5
Roanoke City......	100,811	19.2	8.3	.2	.6	3.4	15.3	19.6	12.3
Salem City........	24,087	20.8	5.0	.8	.0	.8	24.1	24.1	7.5
South Boston City.	7,099	22.5	.0	.0	.0	2.8	19.7	16.9	11.3
Staunton City.....	21,897	16.4	6.4	.0	.9	1.8	14.6	15.5	6.4
Suffolk City......	48,832	19.2	4.9	.8	.0	.4	29.1	8.2	12.3
Virginia Beach City..........	288,210	5.8	1.5	.5	.0	.1	12.8	11.4	4.8
Waynesboro City...	15,320	7.8	6.5	.0	.0	3.9	18.3	24.8	7.8
Williamsburg City.	10,534	13.3	7.6	.0	.0	.0	13.3	26.6	9.5
Winchester City...	20,594	18.5	2.9	.0	.0	1.9	19.4	16.5	5.8
Washington..........	4,245,567	10.8	2.2	.2	.2	.1	21.6	13.7	5.1
Adams.............	13,571	5.9	2.9	.0	.0	.0	36.8	5.9	5.9
Asotin............	17,000	14.1	1.2	.0	.0	.0	29.4	20.0	4.7
Benton............	110,196	8.3	2.2	.2	.2	.0	23.0	15.2	4.2
Chelan............	47,025	11.1	.4	.0	.0	.0	32.3	11.5	6.4
Clallam...........	51,661	15.1	3.1	.0	.4	.0	33.3	13.2	3.5
Clark.............	198,128	7.5	2.8	.3	.2	.0	24.4	12.1	4.0
Columbia..........	4,061	34.5	.0	.0	.0	.0	29.5	9.8	9.8
Cowlitz...........	79,090	10.1	1.8	.0	.5	.3	21.0	14.4	3.8
Douglas...........	23,111	6.1	.0	.9	.0	.0	30.3	11.2	3.5
Ferry.............	5,850	3.4	.0	.0	.0	.0	68.4	13.7	10.3
Franklin..........	35,717	8.4	3.4	.6	.0	.0	33.0	16.8	7.8
Garfield..........	2,514	8.0	.0	.0	.0	.0	39.8	.0	.0
Grant.............	50,241	8.8	2.4	.0	.4	.0	27.5	10.7	5.2
Grays Harbor......	64,862	13.0	.9	.0	.6	.0	31.1	14.8	4.3
Island............	45,701	8.8	3.9	.0	.9	.0	22.3	11.8	3.1
Jefferson.........	16,662	18.0	1.2	.0	.0	.0	31.2	21.6	4.8
King..............	1,299,779	12.3	2.0	.2	.2	.1	17.3	14.0	6.2
Kitsap............	156,745	8.0	2.2	.3	.3	.0	19.9	11.0	1.9
Kittitas..........	24,851	10.5	2.4	.0	.0	.0	29.0	13.7	1.6
Klickitat.........	16,107	11.2	7.5	1.2	.0	1.2	34.8	14.9	3.7
Lewis.............	56,577	8.5	2.8	.0	.0	.0	28.3	11.3	4.6
Lincoln...........	9,590	12.5	2.1	.0	.0	.0	45.9	10.4	2.1
Mason.............	33,098	9.1	3.0	.6	.0	.0	21.8	18.7	5.4
Okanogan..........	31,558	15.2	3.2	2.5	.0	.6	44.4	19.0	4.4
Pacific...........	17,418	16.1	6.9	.0	1.1	.0	36.7	21.8	.0
Pend Oreille......	8,768	11.4	4.6	.0	2.3	.0	29.7	16.0	11.4

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirr-hosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Per-centile)	Rank in State	Rank in U.S. (Per-centile)	Rank in State
							Mini-mum	Maxi-mum				
Danville City.....	28.8	18.6	1.8	1.3	2.7	50.1	34.9	52.2	91	14	98	6
Emporia City......	21.2	12.7	.0	4.2	4.2	38.2	38.6	51.5	93	12	93	29
Fairfax City......	15.2	.0	.0	.0	.0	15.2	21.6	34.9	50	86	30	118
Falls Church City.	25.3	5.8	.0	.0	1.9	31.1	24.0	41.6	68	68	85	49
Franklin City.....	13.8	5.5	.0	.0	.0	19.3	25.1	35.5	59	77	49	99
Fredericksburg City..........	23.8	20.1	2.5	1.3	1.3	47.6	29.9	44.0	80	35	97	10
Galax City........	6.2	15.4	3.1	.0	12.3	33.9	37.3	48.4	90	17	88	41
Hampton City......	13.0	6.4	.6	.2	.6	19.7	19.5	29.3	32	110	51	96
Harrisonburg City.	7.8	11.8	.0	1.0	2.0	22.6	20.2	27.8	30	112	62	85
Hopewell City.....	23.4	12.6	2.5	.8	.0	39.3	29.3	46.0	82	32	94	25
Lexington City....	8.5	28.2	.0	.0	.0	36.6	24.4	31.1	48	91	91	34
Lynchburg City....	21.7	13.6	1.2	1.5	2.7	38.0	27.9	42.4	76	51	93	30
Martinsville City.	24.9	27.1	2.2	3.3	3.3	58.5	46.2	65.6	97	2	99	2
Newport News City.	12.5	11.3	1.8	.1	.5	25.9	22.0	32.5	45	97	73	61
Norfolk City......	16.0	12.3	2.1	.4	1.6	31.0	24.1	35.0	56	81	84	50
Norton City.......	42.9	8.6	4.3	4.3	.0	55.7	33.7	49.4	89	22	98	4
Petersburg City...	23.9	14.6	.5	2.4	3.9	42.9	29.6	43.4	79	38	96	16
Portsmouth City...	18.8	10.1	1.7	.2	2.6	31.9	31.5	45.3	83	30	86	45
Radford City......	4.5	15.2	1.5	.0	3.0	24.3	17.5	22.8	12	126	68	73
Richmond City.....	27.3	17.0	2.2	1.5	4.7	48.6	40.5	60.1	96	3	97	7
Roanoke City......	25.2	16.5	1.0	1.0	4.2	46.6	36.5	54.0	93	10	97	12
Salem City........	23.2	9.1	1.7	.0	1.7	34.9	33.6	52.8	91	15	90	38
South Boston City.	33.8	14.1	2.8	.0	5.6	53.5	29.0	48.1	84	29	98	5
Staunton City.....	21.9	22.8	1.8	.9	3.7	48.4	28.1	42.3	76	49	97	8
Suffolk City......	29.1	13.9	2.9	.0	.4	44.6	33.7	50.7	89	21	96	14
Virginia Beach City..........	9.5	3.5	.8	.1	.6	14.2	14.3	21.6	7	130	25	124
Waynesboro City...	15.7	9.1	3.9	.0	3.9	31.3	30.0	41.8	78	43	85	47
Williamsburg City.	13.3	11.4	1.9	.0	.0	26.6	28.4	43.2	78	44	75	58
Winchester City...	28.2	6.8	.0	.0	1.9	36.9	26.6	42.5	75	55	92	33
Washington..........	16.3	6.3	.7	.4	.5	23.5	21.3	32.7	-	-	-	-
Adams.............	10.3	5.9	.0	.0	.0	13.3	24.8	34.0	56	17	21	36
Asotin............	20.0	5.9	.0	.0	1.2	23.5	25.5	40.6	69	12	66	17
Benton............	11.4	4.2	.5	.2	.0	16.0	20.7	31.0	39	28	33	33
Chelan............	16.6	3.4	.4	.4	.0	19.6	23.8	36.4	58	15	50	28
Clallam...........	20.5	8.5	.4	1.2	1.9	30.6	27.9	42.6	76	9	83	7
Clark.............	10.9	6.5	.4	.5	.4	18.1	21.0	30.4	39	29	44	32
Columbia..........	34.5	4.9	.0	.0	.0	39.4	33.1	58.4	93	1	94	2
Cowlitz...........	15.2	13.1	.0	.8	.5	27.3	20.2	31.0	38	30	77	11
Douglas...........	12.1	2.6	.9	.0	.0	14.7	19.9	29.1	32	32	27	34
Ferry.............	6.8	13.7	.0	.0	.0	20.5	37.7	51.1	92	3	54	26
Franklin..........	16.2	7.3	.6	.0	.0	22.4	28.3	40.6	74	10	62	21
Garfield..........	31.8	.0	.0	.0	.0	31.8	20.0	28.6	31	33	85	5
Grant.............	14.3	8.0	.0	.4	.0	21.5	22.5	33.0	48	23	59	22
Grays Harbor......	22.5	4.0	.6	1.2	.9	27.4	24.9	38.6	65	14	77	10
Island............	13.1	9.6	.4	.9	.4	21.4	21.6	31.3	42	26	58	23
Jefferson.........	22.8	10.8	.0	.0	.0	31.2	28.3	45.9	80	7	85	6
King..............	18.7	5.5	.5	.4	.5	25.1	20.5	32.4	42	24	71	14
Kitsap............	13.5	4.5	.5	.4	.4	19.1	17.4	26.2	20	36	48	29
Kittitas..........	16.1	6.4	.0	.8	.0	23.3	22.4	33.8	50	20	65	18
Klickitat.........	17.4	11.2	2.5	.0	1.2	29.8	33.8	46.9	87	5	82	8
Lewis.............	14.5	8.8	1.1	.0	.0	24.0	22.6	33.0	48	22	68	16
Lincoln...........	18.8	6.3	.0	.0	.0	22.9	29.6	43.5	79	8	63	19
Mason.............	13.9	4.8	1.2	.0	.6	20.5	22.8	34.2	51	19	54	25
Okanogan..........	19.6	9.5	6.3	.6	1.9	36.8	37.1	54.2	93	2	91	3
Pacific...........	24.1	16.1	2.3	1.1	.0	42.5	34.4	50.9	90	4	95	1
Pend Oreille......	13.7	9.1	.0	2.3	.0	22.8	32.5	46.6	85	6	63	20

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Pierce............	503,555	12.1	1.9	0.2	0.2	0.0	20.5	14.7	6.1
San Juan..........	8,327	9.6	2.4	.0	.0	.0	14.4	16.8	9.6
Skagit............	66,106	12.4	3.3	.9	.3	.6	25.1	13.6	5.4
Skamania..........	7,633	2.6	.0	.0	.0	.0	31.4	15.7	2.6
Snohomish.........	353,294	8.7	2.0	.3	.0	.0	21.7	12.1	3.8
Spokane...........	347,446	12.0	2.1	.1	.2	.1	18.8	15.1	4.6
Stevens...........	29,774	8.1	.7	.0	.0	.0	36.3	15.4	4.0
Thurston..........	132,198	8.5	3.0	.2	.0	.0	14.8	12.6	2.1
Wahkiakum.........	3,743	5.3	.0	.0	.0	.0	26.7	21.4	5.3
Walla Walla.......	47,702	11.3	2.5	.0	.0	.0	24.7	8.8	8.4
Whatcom...........	109,296	4.4	2.0	.4	.0	.2	21.8	11.0	2.4
Whitman...........	39,612	5.0	.0	.5	.0	.0	22.7	9.1	2.0
Yakima............	176,995	12.3	2.9	.1	.3	.0	28.5	14.8	7.9
West Virginia.......	1,948,958	11.2	2.0	.6	.1	.1	24.7	12.6	6.3
Barbour...........	16,421	6.1	6.1	.0	.0	.0	28.0	9.7	1.2
Berkeley..........	48,667	12.3	.4	.0	.0	.0	35.8	15.6	4.5
Boone.............	30,561	5.9	.0	.7	.0	.0	45.8	19.0	8.5
Braxton...........	14,365	1.4	1.4	1.4	1.4	.0	23.7	15.3	5.6
Brooke............	30,148	6.6	1.3	.7	.7	.0	23.2	10.6	.0
Cabell............	106,891	11.4	1.9	.0	.6	.4	19.3	14.0	7.1
Calhoun...........	8,394	9.5	2.4	2.4	.0	.0	21.4	11.9	.0
Clay..............	11,279	3.5	.0	1.8	.0	.0	31.9	12.4	7.1
Doddridge.........	7,478	.0	.0	.0	.0	.0	10.7	8.0	5.3
Fayette...........	57,356	12.9	2.1	.3	.3	.0	27.9	10.8	8.4
Gilmer............	8,312	16.8	.0	2.4	.0	.0	16.8	12.0	2.4
Grant.............	10,457	9.6	1.9	.0	.0	.0	44.0	13.4	5.7
Greenbrier........	37,208	13.4	1.6	1.1	.5	.5	24.7	18.3	2.7
Hampshire.........	15,318	13.1	2.6	.0	.0	.0	33.9	14.4	1.3
Hancock...........	39,255	8.7	1.0	.0	.0	.0	20.9	7.6	5.1
Hardy.............	10,217	17.6	2.0	.0	.0	.0	25.4	17.6	11.7
Harrison..........	77,547	12.6	1.8	.3	.0	.0	19.1	13.4	5.2
Jackson...........	25,840	6.2	1.5	.8	.0	.8	28.6	9.3	3.1
Jefferson.........	31,143	12.8	2.6	.0	.0	.0	45.0	14.8	5.8
Kanawha...........	229,518	16.5	2.8	1.2	.0	.0	22.1	10.7	7.4
Lewis.............	18,951	10.6	4.2	.0	.0	.0	19.0	8.4	4.2
Lincoln...........	23,786	6.7	1.7	.8	.0	.0	21.0	8.4	9.2
Logan.............	50,818	14.2	5.5	.8	.0	.0	27.2	14.2	10.6
McDowell..........	48,535	13.6	2.9	1.6	.4	.0	32.6	13.6	18.1
Marion............	65,746	11.6	1.2	.9	.0	.0	17.0	14.3	4.9
Marshall..........	40,905	12.2	1.5	.5	.0	.0	12.7	8.8	3.4
Mason.............	26,754	6.7	1.5	.0	.0	.7	38.9	10.5	8.2
Mercer............	74,268	12.9	2.7	1.9	.0	.5	20.7	20.2	11.0
Mineral...........	27,298	17.6	1.5	.0	.0	.0	26.4	12.5	1.5
Mingo.............	37,759	9.5	1.6	.5	1.1	.0	34.4	7.4	16.4
Monongalia........	76,635	7.6	.8	.5	.0	.0	15.9	9.7	3.9
Monroe............	12,802	1.6	1.6	3.1	.0	.0	37.5	12.5	1.6
Morgan............	11,111	3.6	1.8	.0	.0	.0	45.0	10.8	3.6
Nicholas..........	28,170	8.5	2.8	.7	.0	.0	34.1	12.1	7.1
Ohio..............	60,660	12.9	1.3	.0	.0	.0	14.5	13.5	4.9
Pendleton.........	7,909	15.2	2.5	.0	.0	.0	45.5	22.8	5.1
Pleasants.........	8,051	9.9	.0	.0	.0	.0	27.3	12.4	2.5
Pocahontas........	9,840	10.2	2.0	6.1	.0	.0	30.5	24.4	2.0
Preston...........	30,639	11.1	3.9	.0	.0	.0	33.9	9.1	.7
Putnam............	38,916	6.7	1.0	.0	.0	.0	29.3	12.3	1.5
Raleigh...........	86,505	13.6	1.4	.5	.2	.7	20.3	14.6	8.6
Randolph..........	29,159	11.7	2.1	1.4	.0	.0	29.5	10.3	5.5
Ritchie...........	11,488	5.2	.0	.0	.0	.0	36.6	7.0	3.5

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Pierce	17.4	7.0	0.8	0.4	0.3	25.7	21.7	34.1	49	21	73	13
San Juan	12.0	2.4	.0	.0	.0	14.4	20.3	31.5	40	27	26	35
Skagit	18.2	9.4	1.8	.3	.9	29.0	26.1	38.8	67	13	81	9
Skamania	5.2	.0	2.6	.0	.0	7.9	18.7	26.6	24	35	4	39
Snohomish	13.5	4.6	.9	.1	.2	19.1	19.2	28.9	30	34	48	30
Spokane	17.6	7.0	.6	.5	.2	24.3	20.5	32.4	42	25	69	15
Stevens	8.7	2.7	2.0	.0	.0	12.1	24.2	35.8	58	16	16	37
Thurston	13.5	5.1	.5	.3	.2	18.9	16.4	25.1	15	37	47	31
Wahkiakum	5.3	10.7	5.3	.0	.0	21.4	20.2	30.6	37	31	58	24
Walla Walla	18.4	13.0	1.3	.0	.8	32.7	23.2	35.0	54	18	87	4
Whatcom	8.2	7.0	2.7	.0	3.5	19.9	16.8	23.9	13	38	52	27
Whitman	8.1	2.0	1.0	.0	.0	10.1	14.9	22.0	7	39	8	38
Yakima	18.8	7.8	.5	.5	.6	27.1	27.1	40.7	72	11	76	12
West Virginia	17.0	5.6	2.8	.3	.4	25.7	23.3	35.3	-	-	-	-
Barbour	9.7	6.1	1.2	.0	.0	15.8	22.9	31.1	44	31	33	46
Berkeley	17.7	1.6	.4	.0	.4	20.5	25.7	39.7	68	16	54	35
Boone	12.4	2.6	6.5	.0	.0	21.6	30.1	43.0	80	9	59	32
Braxton	8.4	1.4	1.4	1.4	.0	11.1	20.4	27.3	29	45	11	54
Brooke	16.6	2.7	1.3	.7	1.3	21.9	17.2	25.2	17	50	60	31
Cabell	17.4	6.4	2.4	.7	.7	27.7	21.7	33.6	48	30	78	21
Calhoun	16.7	2.4	9.5	.0	.0	28.6	20.1	29.6	34	41	80	17
Clay	8.9	1.8	1.8	.0	.0	12.4	22.4	31.2	44	32	17	53
Doddridge	2.7	10.7	.0	.0	.0	13.4	8.6	12.1	0	55	21	52
Fayette	16.0	7.3	4.5	.3	.0	27.9	25.9	39.2	67	17	78	20
Gilmer	19.2	4.8	4.8	.0	2.4	26.5	19.9	33.3	43	33	75	23
Grant	11.5	7.7	.0	1.9	.0	19.1	29.7	42.9	79	10	48	39
Greenbrier	17.2	9.7	5.9	.5	1.1	33.9	24.6	38.1	63	21	88	3
Hampshire	24.8	6.5	.0	.0	.0	30.0	25.7	39.2	67	18	83	15
Hancock	13.8	3.1	3.6	.0	.0	20.4	17.3	26.4	20	47	54	36
Hardy	29.4	5.9	.0	.0	.0	33.3	28.9	46.2	81	7	87	5
Harrison	22.4	9.0	1.3	.0	.8	32.5	20.4	32.4	42	34	86	10
Jackson	8.5	3.9	3.9	.0	.8	16.3	21.0	29.6	36	36	34	45
Jefferson	16.7	7.7	.0	.0	.0	24.4	32.4	47.8	86	4	69	25
Kanawha	22.7	5.9	5.1	.3	.0	33.2	25.7	40.1	69	14	87	6
Lewis	14.8	7.4	.0	.0	.0	21.1	20.2	30.1	36	37	57	33
Lincoln	9.2	4.2	4.2	.0	.0	16.8	20.1	29.1	33	43	38	44
Logan	21.3	9.8	3.9	.4	.4	36.6	31.3	46.2	84	5	91	2
McDowell	19.8	5.4	5.8	.4	.0	30.9	35.4	51.8	91	2	84	12
Marion	20.4	6.4	.9	.3	.6	26.8	19.2	30.5	34	39	76	22
Marshall	18.1	2.9	1.5	.0	1.0	23.0	15.7	25.8	15	51	64	28
Mason	13.5	2.2	3.0	.0	2.2	20.9	27.3	38.4	69	15	56	34
Mercer	20.2	8.3	3.2	.0	.8	31.2	28.4	42.9	77	11	85	11
Mineral	22.0	5.9	.7	.0	.0	28.6	22.9	37.7	59	25	80	18
Mingo	14.3	5.3	1.6	1.1	.0	22.8	30.7	43.7	81	8	63	29
Monongalia	11.2	3.4	.5	.3	.0	15.1	14.9	23.0	9	54	29	49
Monroe	6.2	4.7	7.8	.0	.0	18.7	24.3	31.7	49	29	47	41
Morgan	7.2	1.8	1.8	.0	.0	10.8	26.0	35.4	61	22	11	55
Nicholas	14.2	4.3	4.3	.0	.7	22.7	27.1	38.7	69	13	63	30
Ohio	21.4	3.3	1.3	.0	.3	26.0	17.7	29.4	28	46	73	24
Pendleton	22.8	7.6	.0	.0	2.5	32.9	34.8	52.7	91	1	87	8
Pleasants	14.9	2.5	2.5	.0	.0	17.4	19.2	30.1	33	42	41	43
Pocahontas	14.2	6.1	10.2	2.0	.0	32.5	30.9	44.3	82	6	86	9
Preston	18.9	9.8	.7	.7	.7	29.4	24.9	36.2	60	24	81	16
Putnam	8.2	2.1	4.6	.0	.0	15.4	19.3	28.5	29	44	31	48
Raleigh	19.9	6.2	3.9	.2	1.6	30.7	23.8	37.4	60	23	84	14
Randolph	19.2	7.5	2.1	.7	1.4	30.9	25.2	37.5	63	20	84	13
Ritchie	12.2	1.7	1.7	.0	.0	15.7	20.5	29.1	34	40	32	47

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Roane............	15,847	5.0	1.3	0.0	0.0	0.0	16.4	15.1	5.0
Summers...........	15,715	14.0	2.5	.0	.0	.0	26.7	16.5	1.3
Taylor............	16,554	10.9	4.8	1.2	.0	.0	24.2	20.5	1.2
Tucker............	8,619	7.0	4.6	2.3	.0	.0	25.5	7.0	7.0
Tyler.............	11,169	7.2	1.8	.0	.0	.0	21.5	9.0	1.8
Upshur............	24,112	8.3	.8	.8	.0	.0	29.0	10.0	4.1
Wayne.............	45,910	8.3	2.2	.4	.0	.0	21.8	9.1	7.0
Webster...........	12,061	8.3	8.3	.0	.0	.0	39.8	18.2	8.3
Wetzel............	21,846	9.2	3.7	.9	.0	.0	26.5	8.2	4.6
Wirt..............	5,064	7.9	3.9	.0	.0	.0	11.8	7.9	7.9
Wood..............	93,147	7.9	1.1	.0	.4	.0	19.8	11.0	3.4
Wyoming...........	35,835	12.3	1.7	.0	.0	0	29.0	17.3	10.6
Wisconsin...........	4,734,193	9.1	2.4	.3	.2	.1	18.6	12.6	3.2
Adams.............	13,889	14.4	.0	.0	.0	.0	37.4	13.0	4.3
Ashland...........	16,918	15.4	3.5	.0	.0	.0	23.6	10.6	2.4
Barron............	39,674	3.5	2.0	.5	.0	.0	21.7	16.1	4.0
Bayfield..........	14,059	18.5	2.8	4.3	.0	.0	22.8	10.0	.0
Brown.............	180,060	7.6	.7	.1	.0	.1	18.8	15.1	1.6
Buffalo...........	14,509	11.0	.0	.0	.0	.0	22.1	12.4	1.4
Burnett...........	12,865	4.7	1.6	1.6	.0	.0	31.1	10.9	3.1
Calumet...........	32,478	6.8	.0	.0	.0	.0	17.2	9.2	.0
Chippewa..........	52,903	7.2	1.1	.0	.0	.0	18.5	10.6	1.9
Clark.............	33,121	4.8	1.8	.0	.0	.6	29.6	20.5	1.2
Columbia..........	43,781	11.4	.9	.9	.5	.0	23.3	13.2	5.0
Crawford..........	16,628	14.4	1.2	.0	.0	.0	27.7	9.6	.0
Dane..............	331,338	6.8	2.2	.3	.2	.1	16.7	12.5	2.1
Dodge.............	75,170	6.4	.5	.5	.0	.0	28.5	9.0	.8
Door..............	25,525	7.8	2.4	.8	.8	.0	29.0	12.5	1.6
Douglas...........	43,657	12.8	2.7	.0	.0	.0	15.6	16.0	6.4
Dunn..............	34,603	6.9	.6	.0	.0	.0	25.4	11.0	.6
Eau Claire........	80,829	11.6	.5	.0	.2	.0	13.1	10.1	1.2
Florence..........	4,094	34.2	.0	.0	.0	.0	19.5	4.9	.0
Fond Du Lac.......	89,364	7.8	1.3	.4	.0	.0	19.7	11.0	1.3
Forest............	9,141	8.8	2.2	4.4	.0	.0	41.6	10.9	8.8
Grant.............	51,729	5.8	.8	.0	.4	.0	18.2	12.8	1.2
Green.............	30,256	10.6	1.3	.0	.7	.0	22.5	13.2	.7
Green Lake........	18,773	9.6	1.1	.0	.0	.0	27.7	7.5	.0
Iowa..............	20,250	3.0	1.0	.0	.0	.0	38.5	16.8	3.0
Iron..............	6,456	18.6	9.3	3.1	.0	.0	15.5	15.5	12.4
Jackson...........	16,648	8.4	.0	.0	.0	.0	26.4	16.8	2.4
Jefferson.........	66,508	10.8	.9	.0	.0	.0	25.0	10.5	3.3
Juneau............	21,105	8.5	1.9	.0	.0	.0	25.6	11.4	1.9
Kenosha...........	121,923	11.2	.8	.0	.3	.2	22.6	10.7	5.4
Kewaunee..........	19,777	5.1	.0	.0	.0	.0	17.2	11.1	.0
La Crosse.........	92,912	10.1	3.4	.4	.6	.2	13.3	15.1	2.4
Lafayette.........	17,361	8.1	1.2	.0	.0	.0	17.3	9.2	3.5
Langlade..........	19,907	6.0	.0	.0	.0	.0	31.1	10.0	3.0
Lincoln...........	27,059	14.8	.0	.0	.0	.0	25.1	13.3	5.2
Manitowoc.........	82,935	6.3	1.2	.5	.2	.0	17.8	11.3	1.4
Marathon..........	112,066	8.4	1.4	.4	.0	.2	19.1	11.8	2.1
Marinette.........	39,595	15.2	2.5	1.0	.0	.0	21.7	11.1	1.0
Marquette.........	12,083	11.6	.0	1.7	.0	.0	41.4	14.9	.0
Menominee.........	3,639	60.5	.0	.0	.0	.0	76.9	38.5	22.0
Milwaukee.........	952,900	12.2	6.5	.7	.3	.0	10.1	13.2	7.1
Monroe............	35,640	11.2	1.1	.6	.6	.6	24.1	10.7	3.4
Oconto............	29,281	12.3	.7	.7	.0	.0	20.5	10.2	2.0
Oneida............	31,247	9.0	1.3	.6	.0	.0	32.6	17.3	3.2

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirr-hosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates Mini-mum	Range of Rates Maxi-mum	Rank in U.S. (Per-centile)	Rank in State	Rank in U.S. (Per-centile)	Rank in State
Roane.............	13.9	1.3	5.0	0.0	0.0	20.2	15.6	23.6	11	53	53	37
Summers...........	21.6	5.1	3.8	.0	.0	33.1	23.4	36.9	58	26	87	7
Taylor............	12.1	16.9	2.4	1.2	2.4	33.8	25.3	37.6	64	19	88	4
Tucker............	18.6	13.9	4.6	.0	2.3	37.1	25.2	34.1	57	27	92	1
Tyler.............	10.7	1.8	.0	1.8	.0	14.3	16.4	24.4	14	52	25	50
Upshur............	9.1	3.3	1.7	.0	.0	14.1	21.2	31.3	41	35	24	51
Wayne.............	11.3	4.8	2.2	.0	.0	18.3	20.3	29.9	35	38	45	42
Webster...........	9.9	9.9	3.3	.0	.0	23.2	35.9	49.3	90	3	65	27
Wetzel............	14.6	14.6	1.8	.0	.0	28.4	23.3	33.3	51	28	79	19
Wirt..............	7.9	7.9	3.9	.0	.0	19.7	17.5	25.7	19	48	51	38
Wood..............	14.0	2.8	1.3	.6	.0	18.9	16.9	25.8	17	49	47	40
Wyoming...........	19.0	3.3	1.1	.6	.0	23.4	27.3	41.9	75	12	66	26
Wisconsin...........	14.2	6.6	1.6	.3	.7	22.6	18.5	28.2	-	-	-	-
Adams.............	20.2	.0	.0	.0	.0	20.2	26.3	41.1	71	7	53	39
Ashland...........	22.5	4.7	.0	.0	1.2	27.2	23.0	36.1	56	15	77	16
Barron............	4.5	4.0	1.5	.0	.5	10.1	18.2	25.9	21	47	8	71
Bayfield..........	21.3	10.0	4.3	.0	1.4	35.6	26.2	40.4	70	9	90	7
Brown.............	11.6	2.7	.6	.1	.9	15.2	15.6	24.6	12	56	30	52
Buffalo...........	13.8	4.1	1.4	1.4	.0	20.7	16.9	27.6	22	46	55	36
Burnett...........	15.5	9.3	1.6	.0	.0	26.4	21.7	30.0	39	29	75	20
Calumet...........	11.1	.6	.6	.6	.0	12.3	11.9	19.0	2	71	17	62
Chippewa..........	14.7	4.2	.0	.4	.0	19.3	14.9	22.9	9	62	49	40
Clark.............	7.2	4.2	.0	.0	.6	10.3	21.5	31.1	41	28	9	70
Columbia..........	14.6	4.1	2.3	.5	.0	21.0	21.8	33.6	48	21	56	33
Crawford..........	22.9	3.6	1.2	.0	.0	27.7	20.7	33.1	44	25	78	14
Dane..............	10.4	4.8	.5	.4	.2	15.8	16.2	24.2	13	55	32	49
Dodge.............	11.4	1.3	1.1	.0	.5	14.4	17.8	26.1	20	48	25	57
Door..............	8.6	6.3	.8	.8	.8	15.7	22.6	32.4	47	22	32	50
Douglas...........	19.7	8.7	.9	.0	1.8	29.8	20.8	33.2	44	24	82	11
Dunn..............	9.2	2.3	.6	.0	3.5	15.0	16.6	25.1	15	52	29	54
Eau Claire........	16.8	4.7	.0	.5	2.5	23.0	13.6	23.3	8	64	64	28
Florence..........	44.0	.0	.0	.0	.0	44.0	23.2	44.7	72	6	96	5
Fond Du Lac.......	12.8	4.0	1.1	.2	.7	17.5	16.1	24.6	13	54	41	42
Forest............	19.7	2.2	8.8	.0	.0	30.6	33.9	46.6	87	4	83	9
Grant.............	7.7	1.5	.8	.4	.8	11.2	14.3	21.8	7	66	12	67
Green.............	15.9	5.3	.7	.7	2.0	23.8	18.7	29.3	30	37	67	26
Green Lake........	12.8	7.5	.0	1.1	2.1	22.4	18.1	27.6	24	41	62	30
Iowa..............	4.9	4.0	2.0	.0	1.0	11.9	23.1	32.3	48	20	14	64
Iron..............	21.7	15.5	15.5	3.1	.0	55.8	35.4	51.9	91	2	98	2
Jackson...........	10.8	4.8	.0	.0	.0	15.6	19.0	29.8	32	35	31	51
Jefferson.........	16.5	5.1	1.8	.0	2.1	25.0	19.5	30.4	34	33	70	24
Juneau............	15.2	10.4	.9	.0	.9	27.5	19.3	29.0	31	36	77	15
Kenosha...........	17.2	2.5	.5	.5	.5	20.2	20.1	31.3	39	30	53	38
Kewaunee..........	10.1	1.0	1.0	.0	1.0	11.1	11.5	18.0	2	72	11	68
La Crosse.........	15.7	11.4	2.4	.6	1.7	29.7	18.6	28.5	28	38	82	13
Lafayette.........	10.4	8.1	.0	.0	.0	16.1	15.2	23.6	10	60	34	48
Langlade..........	10.0	4.0	1.0	.0	.0	15.1	19.0	27.9	27	40	29	53
Lincoln...........	20.7	3.7	.0	.0	.0	23.7	21.7	35.6	52	17	66	27
Manitowoc.........	10.6	4.3	1.0	1.0	2.2	17.4	14.9	22.5	8	63	40	44
Marathon..........	10.9	3.6	.5	.0	.4	14.6	16.8	25.8	17	51	27	56
Marinette.........	19.2	6.1	1.5	.0	.0	26.8	21.6	34.2	49	19	76	18
Marquette.........	21.5	1.7	3.3	.0	.0	26.5	26.8	40.1	71	8	75	19
Menominee.........	66.0	16.5	11.0	.0	.0	87.9	75.1	126.5	99	1	99	1
Milwaukee.........	19.8	14.4	4.3	.5	.7	38.4	22.7	33.9	51	18	93	6
Monroe............	14.6	7.9	2.2	.6	1.1	25.8	21.3	32.4	44	26	73	22
Oconto............	17.8	2.7	1.4	.0	.0	21.2	18.0	29.0	27	39	57	32
Oneida............	17.3	5.8	1.9	.0	1.3	25.6	24.3	36.2	59	12	72	23

See footnotes at end of table.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Outagamie	131,307	7.6	0.6	0.0	0.2	0.0	19.8	13.3	1.7
Ozaukee	67,203	8.3	.9	.0	.3	.0	18.7	10.4	2.1
Pepin	7,437	5.4	5.4	.0	.0	.0	40.3	16.1	.0
Pierce	32,339	3.1	3.1	.0	.6	.0	17.3	6.2	.0
Polk	33,144	7.2	.6	.6	.0	.0	20.5	16.3	4.2
Portage	57,364	7.0	1.4	.0	.0	.0	19.9	8.0	1.0
Price	16,256	17.2	4.9	.0	.0	.0	23.4	17.2	.0
Racine	171,874	9.7	1.3	.2	.1	.3	15.9	12.8	4.9
Richland	17,288	3.5	1.2	.0	.0	.0	23.1	13.9	3.5
Rock	138,869	8.5	.7	.6	.0	.0	22.9	12.4	1.9
Rusk	15,631	9.0	1.3	.0	.0	.0	20.5	11.5	3.8
St. Croix	44,277	2.7	2.3	.0	.0	.0	20.3	10.4	.0
Sauk	44,379	8.1	1.8	.0	.5	.5	23.9	12.2	2.7
Sawyer	13,466	16.3	4.5	.0	.0	.0	37.1	16.3	4.5
Shawano	36,030	10.0	1.1	.0	.6	.0	31.6	16.7	1.7
Sheboygan	101,922	7.7	.6	.4	.2	.0	18.4	12.0	1.2
Taylor	19,017	5.3	5.3	.0	.0	.0	23.1	14.7	4.2
Trempealeau	26,222	8.4	4.6	.0	.0	.0	22.9	13.7	.8
Vernon	26,222	6.1	.8	.0	.0	.0	23.6	12.2	3.8
Vilas	17,009	23.5	5.9	.0	.0	.0	23.5	14.1	1.2
Walworth	71,284	7.0	1.1	.0	.0	.3	28.1	18.0	1.1
Washburn	13,423	13.4	3.0	.0	.0	.0	28.3	14.9	.0
Washington	86,097	7.0	1.6	.0	.0	.2	22.5	13.5	.9
Waukesha	280,884	6.0	.9	.1	.1	.1	15.9	11.9	2.0
Waupaca	43,487	10.6	.5	.5	.5	.0	32.2	8.7	1.8
Waushara	18,872	10.6	2.1	.0	.0	.0	31.8	17.0	1.1
Winnebago	133,212	7.7	2.0	.5	.3	.0	16.1	12.3	1.2
Wood	75,025	4.5	.5	.0	.3	.0	19.7	10.1	1.1
Wyoming	493,040	8.1	2.3	.4	.3	.1	34.4	19.5	5.4
Albany	29,531	6.1	.7	.7	.7	.0	18.3	18.3	2.0
Big Horn	12,325	9.7	.0	1.6	.0	.0	43.8	16.2	8.1
Campbell	30,605	3.3	.0	.0	.0	.0	35.9	14.4	7.8
Carbon	21,081	10.4	4.7	2.8	.0	.0	50.3	25.6	10.4
Converse	14,168	5.6	.0	.0	.0	.0	33.9	19.8	2.8
Crook	5,696	.0	3.5	.0	.0	.0	31.6	14.0	3.5
Fremont	38,070	11.6	5.3	1.1	.0	.0	51.5	31.0	6.3
Goshen	12,278	11.4	.0	.0	.0	.0	34.2	19.5	3.3
Hot Springs	5,872	6.8	10.2	.0	.0	3.4	40.9	37.5	3.4
Johnson	6,894	14.5	.0	.0	.0	.0	40.6	14.5	2.9
Laramie	71,630	12.0	2.2	.3	.8	.3	20.9	18.4	5.0
Lincoln	13,745	5.8	1.5	.0	1.5	.0	33.5	7.3	4.4
Natrona	72,996	10.1	4.7	.3	.3	.0	34.2	19.7	5.2
Niobrara	3,158	6.3	.0	.0	.0	.0	31.7	38.0	.0
Park	23,202	3.4	.0	.9	.0	.0	38.8	16.4	5.2
Platte	10,512	9.5	1.9	.0	.0	.0	28.5	20.9	7.6
Sheridan	26,063	10.7	1.5	.0	.0	.0	28.4	16.1	2.3
Sublette	5,059	.0	.0	.0	4.0	.0	43.5	31.6	.0
Sweetwater	43,493	4.6	1.4	.0	.0	.0	36.8	18.9	9.7
Teton	10,305	3.9	.0	.0	.0	.0	33.0	13.6	3.9
Uinta	18,901	5.3	3.2	1.1	.0	.0	40.2	18.0	5.3
Washakie	9,798	6.1	4.1	.0	.0	2.0	34.7	16.3	.0
Weston	7,659	2.6	.0	.0	.0	.0	52.2	23.5	7.8
United States Total	232,264,177	12.3	2.1	.3	.2	.2	21.0	12.2	9.1

- Not applicable.
... County was not ranked because there were no alcohol-related deaths based on the column definition.

Table 3. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Outagamie	11.6	4.3	0.3	0.2	1.4	17.1	15.6	24.5	12	57	39	46
Ozaukee	11.0	3.3	.0	.6	.0	14.3	15.5	24.2	12	58	25	58
Pepin	8.1	5.4	.0	.0	.0	13.4	27.8	37.8	68	10	21	59
Pierce	6.2	4.9	1.2	.6	.0	11.8	13.5	18.1	3	70	14	65
Polk	10.3	4.2	1.2	.0	1.8	17.5	18.0	27.7	24	42	41	41
Portage	9.4	2.1	.7	.0	.0	12.9	14.7	22.2	7	65	19	60
Price	22.1	12.3	.0	.0	.0	34.4	25.2	40.0	68	11	89	8
Racine	16.1	5.4	1.3	.3	.5	22.7	17.5	27.5	23	45	63	29
Richland	4.6	3.5	.0	.0	1.2	9.3	16.7	24.1	13	53	6	72
Rock	13.4	2.2	1.0	.1	.7	17.3	17.8	27.3	23	43	40	45
Rusk	9.0	2.6	1.3	.0	.0	12.8	17.7	27.4	23	44	19	61
St. Croix	5.9	7.7	.5	.5	1.8	16.3	14.0	19.5	4	69	34	47
Sauk	11.7	7.2	.9	.5	.5	20.7	19.8	29.3	32	34	55	35
Sawyer	28.2	13.4	3.0	.0	1.5	44.6	32.1	48.6	87	3	96	4
Shawano	16.7	6.7	.0	1.1	.6	23.9	23.2	35.2	54	16	67	25
Sheboygan	15.1	3.9	1.2	.4	.2	20.2	15.0	23.4	9	61	53	37
Taylor	11.6	11.6	3.2	.0	.0	26.3	22.1	30.7	42	27	74	21
Trempealeau	13.0	13.7	2.3	.0	4.6	29.7	20.7	30.2	38	31	82	12
Vernon	7.6	3.1	.8	.0	.8	11.4	17.4	26.0	19	49	13	66
Vilas	30.6	18.8	.0	.0	.0	45.9	28.8	46.7	82	5	96	3
Walworth	12.1	5.6	.0	.0	.3	17.4	20.2	30.3	36	32	41	43
Washburn	23.8	4.5	.0	1.5	3.0	29.8	23.3	36.2	57	14	82	10
Washington	12.1	2.8	.5	.0	.2	14.6	17.3	26.0	19	50	27	55
Waukesha	9.0	2.6	.5	.3	.4	11.9	13.7	21.1	5	67	15	63
Waupaca	20.7	5.5	.9	.9	.0	27.1	21.9	32.9	46	23	76	17
Waushara	15.9	4.2	1.1	.0	.0	21.2	23.7	36.0	57	13	57	31
Winnebago	12.5	7.7	.8	.5	.2	20.9	15.6	23.8	11	59	56	34
Wood	7.2	2.7	.3	.5	.0	10.9	13.5	20.0	4	68	11	69
Wyoming	12.2	5.3	1.5	.5	2.0	20.4	27.4	39.8	-	-	-	-
Albany	9.5	2.0	2.0	.7	1.4	14.2	16.8	25.6	17	23	25	14
Big Horn	16.2	1.6	1.6	.0	.0	19.5	31.1	45.3	83	4	50	10
Campbell	5.2	.7	.0	.0	.7	6.5	23.0	32.5	48	18	2	23
Carbon	15.2	8.5	4.7	.0	1.9	29.4	43.0	60.3	97	1	82	3
Converse	8.5	.0	2.8	.0	2.8	12.7	21.8	32.4	45	20	19	15
Crook	.0	7.0	3.5	.0	.0	10.5	21.2	27.7	32	21	10	19
Fremont	15.2	12.1	2.6	1.6	4.7	33.6	41.8	60.1	96	2	88	2
Goshen	13.0	3.3	1.6	.0	.0	17.9	24.5	38.3	63	13	43	12
Hot Springs	13.6	20.4	3.4	.0	3.4	40.9	42.7	57.8	96	3	95	1
Johnson	20.3	5.8	.0	.0	.0	26.1	27.3	42.5	75	8	74	5
Laramie	16.8	6.7	1.1	.8	1.4	24.8	23.4	36.2	57	15	70	6
Lincoln	14.6	4.4	1.5	2.9	.0	21.8	22.9	31.7	46	19	60	8
Natrona	15.1	7.4	.8	.3	6.8	28.8	30.1	43.6	80	6	80	4
Niobrara	6.3	.0	.0	.0	.0	12.7	23.5	36.9	58	14	18	16
Park	6.0	1.7	1.7	.0	.9	10.3	24.3	34.1	54	16	9	21
Platte	13.3	7.6	1.9	.0	.0	22.8	25.6	38.7	66	11	63	7
Sheridan	15.3	3.1	2.3	.0	.0	20.0	22.2	34.2	50	17	52	9
Sublette	4.0	.0	4.0	4.0	.0	11.9	28.5	38.7	71	9	14	17
Sweetwater	7.8	3.7	.5	.0	.0	11.0	27.0	38.4	68	10	11	18
Teton	9.7	.0	.0	.0	.0	9.7	20.0	28.7	31	22	7	22
Uinta	9.5	6.3	3.2	.0	1.1	19.0	29.4	40.6	76	7	48	11
Washakie	8.2	6.1	.0	.0	2.0	14.3	26.5	36.4	63	12	25	13
Weston	7.8	.0	.0	2.6	.0	10.4	31.4	43.9	82	5	10	20
United States Total	18.5	5.3	1.1	.3	.9	25.4	23.3	35.8	-	-	-	-

- Not applicable.
... County was not ranked because there were no alcohol-related deaths based on the column definition.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Alabama............	2,838,888	11.6	3.0	0.6	0.4	0.2	32.2	14.0	16.1	32.9	47.8	-	-
Autauga...........	23,477	11.9	1.7	.0	.0	.0	39.2	21.3	11.1	32.5	48.8	68	36
Baldwin...........	59,527	12.1	3.4	1.0	.0	.0	38.0	18.1	10.1	33.6	49.1	70	33
Barbour...........	17,137	21.0	7.0	.0	1.2	.0	36.2	21.0	18.7	45.0	67.0	91	8
Bibb..............	10,931	14.6	1.8	.0	.0	.0	60.4	12.8	23.8	46.9	67.7	93	5
Blount............	26,405	11.4	.0	.0	.8	.0	43.2	17.4	7.6	30.6	45.7	61	44
Bullock...........	7,079	14.1	2.8	5.7	.0	.0	22.6	14.1	22.6	37.2	53.6	79	25
Butler............	14,548	8.2	1.4	.0	.0	.0	37.1	15.1	17.9	31.8	45.9	63	40
Calhoun...........	90,155	10.0	3.1	.7	.7	.0	21.1	14.0	14.2	26.8	39.3	44	55
Chambers..........	27,876	8.6	2.2	1.4	.0	.0	27.3	20.8	17.2	30.8	44.9	60	45
Cherokee..........	13,711	11.7	4.4	.0	.0	.0	64.2	11.7	10.2	43.3	60.3	87	15
Chilton...........	21,821	11.9	.0	.9	.0	.0	37.6	24.7	11.9	32.1	48.9	68	38
Choctaw...........	11,222	10.7	3.6	.0	1.8	.0	65.9	14.3	14.3	47.0	64.9	91	9
Clarke............	18,980	9.5	2.1	.0	.0	.0	62.2	17.9	11.6	41.1	58.1	85	16
Clay..............	9,495	10.5	6.3	2.1	2.1	.0	63.2	21.1	6.3	48.6	65.9	92	6
Cleburne..........	9,128	11.0	11.0	.0	.0	.0	43.8	13.1	24.1	47.8	64.9	92	7
Coffee............	28,458	2.8	1.4	1.4	.7	.0	33.0	13.4	14.1	27.8	37.6	42	57
Colbert...........	39,949	9.0	.5	.0	.0	.0	27.5	12.5	9.0	22.5	34.1	27	65
Conecuh...........	10,458	9.6	1.9	.0	.0	.0	47.8	9.6	22.9	38.6	54.6	81	20
Coosa.............	7,886	7.6	.0	2.5	.0	.0	53.3	22.8	25.4	44.5	62.7	89	12
Covington.........	26,661	16.5	1.5	.8	2.3	.0	36.0	17.3	11.3	35.1	52.8	77	28
Crenshaw..........	9,609	12.5	8.3	.0	.0	.0	50.0	10.4	16.7	44.3	61.2	89	13
Cullman...........	45,633	5.7	.4	.9	.0	.0	44.3	14.9	6.6	28.3	39.9	48	53
Dale..............	34,340	10.5	.0	.6	.0	.0	26.8	11.1	7.6	21.9	33.7	25	67
Dallas............	36,719	13.1	3.8	.0	.5	.0	25.1	9.8	15.3	29.4	43.4	55	47
De Kalb...........	38,224	13.6	1.0	1.0	.0	.0	40.3	12.6	12.6	33.0	49.1	69	34
Elmore............	32,294	9.9	1.2	.0	.0	.0	40.3	16.1	16.1	33.0	48.3	68	37
Escambia..........	26,170	14.5	4.6	1.5	.8	.0	31.3	16.0	19.9	38.5	55.9	82	19
Etowah............	74,380	11.6	2.2	.3	.5	.3	28.0	14.5	18.3	31.2	46.1	62	43
Fayette...........	13,276	9.0	.0	.0	.0	.0	45.2	10.5	10.5	29.8	43.2	56	46
Franklin..........	20,547	11.7	1.0	1.0	.0	.0	50.6	16.5	9.7	35.9	52.2	77	27
Geneva............	16,886	14.2	.0	1.2	.0	.0	40.3	16.6	13.0	33.4	50.5	72	32
Greene............	7,046	22.7	2.8	.0	2.8	.0	45.4	11.4	31.2	51.0	75.5	96	1
Hale..............	9,977	6.0	.0	.0	.0	.0	36.1	10.0	16.0	27.2	38.8	43	56
Henry.............	10,434	17.3	.0	.0	1.9	.0	40.3	21.1	17.3	38.2	58.5	84	17
Houston...........	55,082	13.1	1.1	.4	.0	.0	36.3	10.9	10.2	29.0	43.7	55	48
Jackson...........	36,838	8.1	1.1	2.7	.5	.0	36.9	11.9	8.7	29.7	41.6	53	49
Jefferson.........	492,128	14.2	5.4	.4	.7	.9	22.4	14.3	23.8	36.6	53.2	78	26
Lamar.............	11,349	12.3	1.8	.0	.0	.0	58.2	21.1	3.5	37.1	54.4	80	24
Lauderdale........	60,247	7.0	3.3	2.3	.3	.7	30.2	10.3	9.3	28.6	39.0	46	54
Lawrence..........	21,399	5.6	1.9	.0	.0	.9	52.3	8.4	21.5	38.9	52.7	80	23
Lee...............	60,279	9.6	3.6	.3	.3	.0	20.2	8.0	11.6	23.8	34.6	30	64
Limestone.........	34,212	4.7	1.2	.6	.0	.0	31.6	14.0	7.6	23.3	33.0	26	66
Lowndes...........	8,187	9.8	2.4	.0	.0	.0	58.6	2.4	29.3	45.3	62.5	90	11
Macon.............	18,679	10.7	1.1	.0	2.1	.0	37.5	3.2	23.6	35.1	49.5	72	31
Madison...........	157,083	10.6	1.3	.3	.3	.0	25.8	16.3	11.2	25.5	38.7	40	59
Marengo...........	16,493	8.5	.0	.0	.0	.0	48.5	4.9	7.3	28.2	40.2	48	52
Marion............	21,893	6.4	.0	.9	.0	.0	44.8	15.5	6.4	28.4	40.6	49	51
Marshall..........	49,327	13.4	5.7	.8	1.2	.0	37.7	24.7	7.3	37.4	54.2	80	22
Mobile............	263,540	13.9	4.3	.8	.2	.2	30.1	15.0	23.4	37.8	55.2	81	21
Monroe............	14,799	8.1	2.7	.0	1.4	.0	52.7	14.9	24.3	43.9	60.8	88	14
Montgomery........	146,472	14.5	3.4	.7	.5	.0	22.9	10.2	19.7	31.5	46.9	64	39
Morgan............	67,539	6.8	.9	.3	.0	.0	29.6	15.7	12.4	25.4	37.1	37	61
Perry.............	9,624	4.2	.0	.0	.0	2.1	27.0	8.3	20.8	26.6	36.7	39	60
Pickens...........	14,577	1.4	.0	.0	.0	.0	49.4	8.2	5.5	25.5	34.0	32	63
Pike..............	19,848	20.2	4.0	.0	.0	.0	39.3	5.0	17.1	37.9	56.8	82	18
Randolph..........	13,990	17.2	7.1	1.4	.0	.0	51.5	10.0	27.2	52.0	73.2	96	2
Russell...........	34,308	23.3	10.5	1.7	.0	.0	33.8	19.2	21.0	49.7	72.9	95	3

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
St. Clair.........	30,714	7.2	2.0	0.7	0.0	0.0	37.1	12.4	18.2	32.2	45.3	62	41
Shelby............	51,362	8.2	1.6	.8	.0	.4	32.7	10.9	9.3	26.4	37.8	40	58
Sumter............	10,987	5.5	5.5	1.8	.0	.0	41.9	5.5	18.2	36.8	48.3	73	29
Talladega.........	52,871	11.7	1.1	.8	.4	.0	38.2	14.8	11.0	31.2	46.1	62	42
Tallapoosa........	27,507	11.6	2.9	1.5	.0	.7	35.6	13.1	16.0	35.0	50.1	73	30
Tuscaloosa........	102,322	7.2	2.3	.4	.2	.0	28.1	12.9	10.8	25.4	36.4	36	62
Walker............	48,402	12.4	.4	.0	.4	.0	48.3	15.3	7.4	32.8	48.6	68	35
Washington........	11,389	12.3	.0	.0	.0	.0	70.2	10.5	26.3	49.0	69.7	94	4
Wilcox............	9,352	15.0	.0	.0	.0	.0	53.5	6.4	29.9	43.9	64.1	90	10
Winston...........	15,646	3.8	3.8	.0	.0	.0	48.6	11.5	3.8	29.9	39.9	51	50
Alaska.............	337,452	11.3	3.8	3.0	.1	.3	29.6	17.6	12.8	33.8	48.3	-	-
Arizona............	2,114,644	16.3	5.4	.5	.2	.1	35.1	21.4	10.7	37.1	55.2	-	-
Apache............	33,788	17.2	16.0	5.9	.0	.0	126.7	20.7	18.9	95.2	125.1	99	1
Cochise...........	63,855	16.9	3.8	1.3	.3	.0	28.8	21.9	9.7	33.3	51.0	72	12
Coconino..........	56,620	18.4	2.5	2.5	.4	.4	42.4	18.4	9.9	39.3	58.7	84	10
Gila..............	26,877	37.2	8.9	1.5	.0	.0	50.6	17.1	15.6	57.7	88.9	98	4
Graham............	15,411	24.7	3.9	1.3	2.6	.0	40.2	19.5	10.4	43.6	66.4	91	8
Greenlee..........	6,973	31.6	2.9	2.9	.0	.0	45.9	20.1	8.6	46.0	73.0	94	6
Maricopa..........	1,210,591	14.1	5.5	.1	.1	.1	29.8	20.0	10.4	33.0	49.1	69	13
Mohave............	41,312	33.4	6.3	1.0	1.5	.0	61.0	37.3	9.2	59.8	92.5	98	3
Navajo............	43,639	32.1	11.9	1.8	1.4	.5	72.4	28.9	18.3	73.5	106.9	99	2
Pima..............	415,958	14.5	2.9	.8	.1	.0	30.6	22.3	9.2	31.4	47.9	65	14
Pinal.............	64,109	25.9	9.4	.0	.9	.0	55.5	26.2	18.7	58.3	86.0	98	5
Santa Cruz........	13,605	22.1	2.9	.0	.0	.0	32.3	19.1	8.8	33.5	53.7	76	11
Yavapai...........	56,228	20.3	8.2	.0	.4	.0	39.1	29.9	4.6	41.4	62.5	88	9
Yuma..............	65,679	19.5	8.2	.3	.0	.3	42.6	21.0	15.8	46.4	67.8	92	7
Arkansas...........	1,647,365	9.3	1.2	.5	.2	.1	29.7	15.2	12.3	27.1	40.0	-	-
Arkansas..........	16,911	16.6	.0	.0	.0	.0	21.3	18.9	16.6	27.3	44.6	54	30
Ashley............	18,479	11.9	.0	.0	.0	.0	22.7	10.8	23.8	27.8	42.6	51	34
Baxter............	21,218	17.9	4.7	.9	.0	.0	32.0	25.5	3.8	33.3	51.5	72	10
Benton............	59,371	10.1	.7	.7	.3	.0	38.1	18.2	5.4	28.0	41.6	50	35
Boone.............	19,229	4.2	2.1	2.1	.0	.0	42.6	8.3	3.1	26.9	35.8	38	47
Bradley...........	9,477	6.3	.0	.0	.0	2.1	31.7	12.7	19.0	29.5	41.7	53	33
Calhoun...........	4,281	4.7	.0	4.7	.0	.0	14.0	14.0	23.4	26.3	36.7	38	46
Carroll...........	12,348	14.6	.0	.0	.0	.0	35.6	19.4	3.2	26.4	42.0	48	39
Chicot............	11,407	3.5	.0	1.8	.0	1.8	36.8	12.3	28.1	36.0	48.8	73	9
Clark.............	17,042	8.2	.0	.0	.0	3.5	25.8	10.6	14.1	26.5	37.9	40	42
Clay..............	14,624	10.9	.0	.0	.0	.0	54.7	15.0	4.1	32.4	47.6	66	16
Cleburne..........	13,141	6.1	.0	.0	.0	.0	30.4	13.7	3.0	19.5	28.9	13	70
Cleveland.........	5,482	.0	.0	.0	.0	.0	51.1	3.6	7.3	25.6	33.1	30	55
Columbia..........	19,061	9.4	2.1	1.0	.0	.0	31.5	12.6	18.9	31.6	45.5	62	21
Conway............	13,460	5.9	.0	1.5	.0	.0	38.6	20.8	13.4	30.6	43.9	58	28
Craighead.........	46,587	8.6	1.3	.9	.0	.0	24.9	14.2	5.2	21.4	32.0	21	61
Crawford..........	27,048	4.4	.7	.0	.0	.0	25.9	14.8	9.6	20.9	30.3	17	66
Crittenden........	33,237	13.2	.0	.0	.0	.0	33.1	12.6	24.1	33.2	50.2	71	13
Cross.............	13,882	11.5	.0	.0	1.4	1.4	23.1	15.8	13.0	26.6	40.2	45	40
Dallas............	7,189	2.8	.0	5.6	.0	.0	33.4	13.9	19.5	32.7	43.5	60	26
Desha.............	12,753	9.4	1.6	.0	.0	.0	50.2	20.4	17.3	38.7	55.7	82	5
Drew..............	12,766	3.1	1.6	.0	.0	.0	34.5	17.2	11.0	25.9	36.2	37	48
Faulkner..........	35,713	6.2	.0	.6	.6	.6	27.4	14.0	3.9	20.4	29.8	15	68
Franklin..........	10,711	5.6	1.9	.0	.0	1.9	31.7	14.9	9.3	26.7	37.4	40	43
Fulton............	7,257	2.8	.0	.0	.0	.0	22.0	2.8	5.5	13.5	18.9	1	75
Garland...........	53,193	16.9	.8	1.1	1.1	.4	21.4	15.8	10.9	27.6	43.6	53	32
Grant.............	9,336	4.3	.0	.0	.0	.0	34.3	12.9	8.6	22.8	32.5	24	59
Greene............	22,083	10.9	.9	.9	.0	.0	24.5	17.2	11.8	25.5	39.0	41	41

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Hempstead	16,165	8.7	0.0	0.0	1.2	0.0	39.6	16.1	14.8	31.6	45.9	62	20
Hot Spring	19,146	5.2	3.1	1.0	.0	.0	25.1	17.8	19.8	29.7	41.7	53	31
Howard	9,105	.0	6.6	.0	.0	.0	43.9	24.2	8.8	34.0	44.4	64	17
Independence	21,922	5.5	.9	.0	.0	.0	28.3	20.1	7.3	22.5	33.2	25	58
Izard	7,747	18.1	.0	.0	.0	.0	33.6	23.2	7.7	29.8	48.5	64	18
Jackson	15,201	10.5	2.6	1.3	.0	.0	26.3	26.3	13.2	30.8	46.0	61	25
Jefferson	63,583	6.9	1.6	.3	.0	.0	19.8	11.6	21.1	25.3	36.8	37	49
Johnson	12,654	3.2	.0	.0	.0	.0	37.9	12.6	3.2	21.2	29.8	16	67
Lafayette	6,696	3.0	9.0	3.0	.0	.0	62.7	6.0	26.9	53.3	67.4	94	1
Lawrence	13,077	9.2	.0	.0	.0	.0	29.1	7.6	9.2	21.8	32.8	23	60
Lee	10,271	1.9	3.9	.0	.0	.0	37.0	11.7	15.6	29.9	39.6	50	36
Lincoln	9,403	8.5	.0	2.1	.0	.0	19.1	14.9	6.4	19.6	29.9	14	69
Little River	9,702	6.2	.0	2.1	.0	.0	49.5	18.6	18.6	37.8	52.9	79	7
Logan	14,306	4.2	2.8	.0	.0	.0	23.8	8.4	5.6	18.8	26.1	8	74
Lonoke	24,846	6.4	.8	.0	.0	.0	22.5	9.7	12.9	20.9	30.7	17	65
Madison	8,135	7.4	.0	.0	2.5	.0	46.7	24.6	9.8	34.6	49.6	72	12
Marion	8,491	9.4	.0	.0	.0	.0	37.7	16.5	4.7	25.2	38.0	39	44
Miller	26,835	15.7	.7	.7	.0	.0	32.0	17.9	17.9	33.4	51.4	72	11
Mississippi	40,719	9.8	2.9	.0	.0	.0	33.9	15.2	15.2	31.4	45.6	61	23
Monroe	9,248	10.8	2.2	2.2	2.2	.0	36.8	6.5	8.7	31.7	44.2	60	27
Montgomery	5,585	3.6	.0	3.6	.0	.0	68.0	7.2	.0	35.1	45.7	67	14
Nevada	7,485	8.0	.0	.0	.0	.0	29.4	18.7	10.7	24.4	37.0	35	51
Newton	5,570	.0	3.6	.0	.0	.0	25.1	14.4	7.2	20.4	26.8	11	72
Ouachita	22,322	14.3	2.7	.0	.0	.0	34.9	13.4	10.8	31.0	46.7	63	19
Perry	5,400	7.4	.0	3.7	.0	.0	59.3	33.3	11.1	43.5	61.6	89	3
Phillips	22,223	8.1	4.5	.0	.0	.0	28.8	16.2	21.6	33.3	47.3	67	15
Pike	7,300	11.0	2.7	.0	.0	.0	32.9	13.7	8.2	27.6	40.9	48	38
Poinsett	19,038	13.7	1.1	1.1	2.1	.0	31.5	10.5	12.6	31.1	45.8	61	24
Polk	12,178	.0	1.6	.0	.0	.0	31.2	11.5	6.6	20.1	26.6	11	73
Pope	29,158	8.2	1.4	.0	.0	.0	28.1	10.3	4.8	20.9	31.0	18	64
Prairie	7,071	5.7	.0	.0	.0	.0	28.3	17.0	17.0	25.6	37.5	38	45
Pulaski	249,220	10.5	1.0	.5	.0	.1	21.7	17.4	18.7	27.3	41.5	48	37
Randolph	11,664	1.7	1.7	.0	.0	.0	27.4	24.0	6.9	22.0	31.2	20	62
St. Francis	20,454	11.7	2.0	.0	.0	1.0	34.2	9.8	12.7	30.0	44.0	57	29
Saline	39,347	6.6	1.0	.0	.5	.0	28.0	12.2	10.2	23.2	33.6	27	56
Scott	6,926	5.8	.0	.0	.0	.0	37.5	11.6	8.7	24.5	35.2	32	54
Searcy	6,284	12.7	.0	.0	.0	.0	60.5	12.7	15.9	40.6	59.0	85	4
Sebastian	69,389	8.9	.0	.0	.3	.0	23.9	14.1	8.4	20.8	32.0	20	63
Sevier	9,983	4.0	.0	.0	.0	.0	54.1	20.0	8.0	32.1	45.0	62	22
Sharp	10,900	5.5	.0	.0	1.8	.0	40.4	18.3	1.8	25.6	36.4	37	50
Stone	6,856	5.8	.0	.0	.0	.0	32.1	11.7	2.9	19.6	28.7	12	71
Union	34,618	16.8	3.5	.0	.0	.0	37.0	14.4	17.9	37.2	55.8	81	6
Van Buren	10,293	17.5	1.9	1.9	1.9	.0	27.2	19.4	15.5	35.6	54.0	78	8
Washington	76,704	11.0	.5	.3	.3	.0	29.7	15.6	5.2	23.6	36.3	32	53
White	37,106	4.3	.5	.5	.0	.5	32.3	17.2	6.5	23.5	33.4	27	57
Woodruff	7,330	13.6	8.2	2.7	.0	.0	49.1	10.9	10.9	44.4	60.9	89	2
Yell	12,422	11.3	.0	.0	.0	.0	29.0	6.4	12.9	24.1	36.7	34	52
California	18,550,697	20.3	2.6	.5	.2	.2	25.6	17.6	14.6	33.0	52.2	-	-
Alameda	875,531	20.4	3.4	.7	.2	.2	18.2	17.2	11.6	29.3	47.2	61	44
Alpine	927	.0	.0	.0	.0	.0	21.6	.0	21.6	19.2	25.2	8	58
Amador	16,062	18.7	3.7	.0	.0	.0	68.5	19.9	7.5	47.7	69.9	93	8
Butte	114,226	14.5	1.8	.7	.2	.0	35.4	20.3	5.3	30.0	46.1	60	46
Calaveras	17,765	28.1	2.3	.0	.0	.0	51.8	23.6	9.0	44.5	70.9	93	9
Colusa	9,636	22.8	4.2	.0	.0	.0	39.4	27.0	8.3	39.4	62.0	86	18
Contra Costa	509,755	20.2	2.4	.2	.2	.5	21.5	17.3	10.6	29.1	47.1	60	45
Del Norte	13,450	13.4	.0	3.0	.0	.0	37.2	19.3	14.9	34.9	52.1	75	31
El Dorado	70,984	14.4	1.1	.8	.6	1.1	36.3	15.8	7.3	31.4	47.1	64	41
Fresno	390,242	16.9	1.7	1.2	.2	.3	41.0	15.2	19.1	39.5	58.9	85	20

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates Minimum	Range of Rates Maximum	Rank in U.S. (Percentile)	Rank in State
Glenn............	15,725	19.1	5.1	0.0	0.0	0.0	78.9	17.8	10.2	54.4	78.1	96	2
Humboldt..........	83,102	20.9	2.4	.7	.0	.2	42.8	18.3	8.7	37.7	58.3	83	25
Imperial..........	67,826	29.5	3.2	.9	.3	.6	47.5	17.1	13.9	47.0	73.4	94	6
Inyo..............	13,347	27.0	9.0	.0	.0	.0	52.4	39.0	9.0	54.1	82.6	97	1
Kern..............	311,347	18.5	2.6	.8	.3	.0	44.8	20.0	17.1	42.2	63.4	89	14
Kings.............	55,081	14.9	1.8	.4	.7	.0	54.1	12.3	10.5	39.1	57.0	83	24
Lake..............	31,221	29.5	4.5	1.3	.0	.6	49.3	32.7	9.0	50.0	78.4	96	3
Lassen............	17,239	20.9	2.3	2.3	.0	.0	51.0	30.2	5.8	43.4	66.4	91	13
Los Angeles.......	5,785,387	22.7	3.7	.6	.2	.0	21.0	17.0	24.3	37.4	59.0	83	22
Madera............	47,789	20.1	2.9	1.7	.4	.0	49.0	16.3	16.3	44.8	66.5	91	12
Marin.............	177,458	20.7	1.7	.2	.0	.3	17.8	20.5	6.9	25.6	43.4	49	53
Mariposa..........	9,208	10.9	.0	.0	.0	.0	63.0	17.4	6.5	37.4	54.3	80	28
Mendocino.........	50,510	24.9	2.4	1.2	.8	.0	52.7	24.9	12.7	47.6	73.3	94	5
Merced............	100,578	15.7	1.4	.2	.2	.8	42.6	18.3	9.3	34.9	52.8	76	30
Modoc.............	6,585	18.2	9.1	.0	.0	.0	60.7	18.2	12.1	51.5	73.1	95	4
Mono..............	7,011	14.3	2.9	.0	.0	.0	45.6	25.7	2.9	34.3	51.9	75	32
Monterey..........	227,798	19.2	1.6	1.1	.1	.1	30.6	15.3	9.5	31.1	49.1	66	40
Napa..............	75,464	17.8	.3	.0	.3	.5	30.2	18.0	5.6	27.3	44.2	53	47
Nevada............	44,057	13.2	2.3	.0	.0	.0	40.4	20.9	8.2	32.7	49.1	69	36
Orange............	1,529,472	14.5	1.2	.6	.1	.1	20.9	16.1	6.9	23.1	37.2	33	56
Placer............	93,380	15.4	1.3	.2	.2	.4	30.2	18.8	5.6	27.5	43.3	52	48
Plumas............	13,510	16.3	4.4	.0	.0	1.5	50.3	28.1	5.9	42.1	62.3	88	15
Riverside.........	524,096	21.3	2.6	.4	.1	.2	38.7	20.3	14.5	39.1	60.7	85	19
Sacramento........	624,452	19.2	1.8	.5	.4	.1	25.5	19.8	12.4	31.1	49.7	67	37
San Benito........	18,901	15.9	1.1	.0	1.1	.0	40.2	12.7	8.5	32.0	48.6	67	38
San Bernardino....	696,098	22.6	2.0	.3	.1	.3	36.8	17.1	14.1	37.4	59.0	83	23
San Diego.........	1,505,620	15.9	1.2	.4	.1	.7	23.9	17.8	8.9	26.8	42.6	50	51
San Francisco.....	567,309	39.8	5.6	.2	.3	.7	13.3	25.4	15.2	41.0	70.8	91	11
San Joaquin.......	270,302	23.6	3.6	1.0	.4	.1	38.0	17.8	13.9	40.7	63.0	88	16
San Luis Obispo...	131,592	18.2	3.5	.0	.2	.2	26.1	19.8	7.4	29.7	47.1	61	43
San Mateo.........	467,767	23.5	1.8	.3	.0	.7	16.6	16.3	6.9	25.9	44.3	51	50
Santa Barbara.....	238,742	16.9	2.3	.4	.1	.1	24.2	18.5	7.1	27.1	43.2	51	49
Santa Clara.......	1,013,998	16.3	1.3	.4	.1	.0	20.5	15.8	7.6	23.8	38.8	37	55
Santa Cruz........	149,904	19.1	1.6	.7	.0	.3	27.5	18.3	8.5	29.6	47.5	61	42
Shasta............	89,282	24.2	6.5	.7	.4	.2	44.6	25.3	7.8	45.2	68.8	92	10
Sierra............	2,440	16.4	.0	.0	.0	.0	24.6	8.2	.0	18.7	31.6	16	57
Siskiyou..........	29,749	18.8	3.4	.7	.0	.0	42.4	17.5	6.7	36.2	55.1	79	29
Solano............	182,294	16.2	2.1	.2	.1	.2	23.9	17.4	8.3	26.7	42.5	49	52
Sonoma............	232,597	16.8	3.5	.6	.4	.5	35.5	19.4	6.4	33.8	51.1	73	33
Stanislaus........	203,756	17.1	1.9	.3	.0	.5	35.8	16.1	9.8	32.5	50.1	70	35
Sutter............	40,569	16.3	3.5	.5	.5	.5	33.0	18.2	9.9	33.8	50.9	72	34
Tehama............	29,683	19.5	2.7	.0	.0	.0	45.1	22.9	8.8	38.4	59.3	84	21
Trinity...........	9,343	23.5	2.1	.0	2.1	.0	47.1	30.0	15.0	46.8	72.3	94	7
Tulare............	181,461	18.6	2.4	1.0	.1	.0	48.2	14.1	14.5	41.1	61.3	87	17
Tuolumne..........	27,588	18.8	1.4	.7	.0	.0	46.4	20.3	8.0	37.2	57.3	82	27
Ventura...........	404,217	14.2	2.0	.4	.1	.0	27.6	15.5	8.2	26.9	41.7	48	54
Yolo..............	90,033	20.9	1.8	.7	.2	.0	29.3	19.5	7.1	30.8	49.8	67	39
Yuba..............	37,235	18.3	2.7	.5	.0	.0	38.1	19.3	15.0	37.7	57.6	83	26
Colorado............	2,280,636	11.3	2.2	.5	.1	.4	26.4	21.5	7.1	26.5	40.4	-	-
Adams.............	191,434	10.2	.9	.5	.0	.2	27.9	20.1	7.1	24.9	38.2	38	46
Alamosa...........	8,580	21.0	.0	.0	.0	.0	21.0	23.3	4.7	24.3	42.7	45	42
Arapahoe..........	246,080	7.9	.9	.2	.1	.2	17.8	18.6	5.3	18.3	28.6	11	60
Archuleta.........	3,259	.0	6.1	6.1	.0	.0	43.0	36.8	6.1	40.6	52.6	81	18
Baca..............	3,782	.0	.0	.0	.0	.0	121.6	21.2	5.3	57.8	75.7	97	3
Bent..............	4,144	19.3	4.8	.0	.0	.0	43.4	43.4	9.7	44.2	68.4	92	10
Boulder...........	155,857	6.9	1.0	.6	.0	.0	24.8	19.1	4.2	20.7	31.2	18	56
Chaffee...........	9,620	12.5	.0	.0	.0	.0	41.6	47.8	2.1	33.1	52.9	74	25
Cheyenne..........	1,590	12.6	.0	.0	.0	.0	50.3	.0	.0	26.3	38.6	41	44

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates: Minimum	Range of Rates: Maximum	Rank in U.S. (Percentile)	Rank in State
Clear Creek.......	5,655	10.6	0.0	0.0	0.0	0.0	49.5	38.9	0.0	32.9	50.7	71	27
Conejos...........	5,208	3.8	11.5	3.8	.0	3.8	49.9	23.0	7.7	50.0	62.7	92	9
Costilla..........	2,334	34.3	8.6	8.6	.0	.0	42.8	17.1	8.6	56.6	84.2	97	1
Crowley...........	2,176	18.4	9.2	.0	.0	.0	55.2	.0	.0	39.9	55.9	83	17
Custer............	1,249	.0	.0	.0	.0	.0	80.1	48.0	.0	43.2	60.2	87	13
Delta.............	15,907	13.8	3.8	.0	.0	.0	42.7	23.9	3.8	33.9	50.8	72	26
Denver............	389,463	19.2	5.2	.7	.5	.4	19.1	26.7	17.4	36.2	56.1	80	20
Dolores...........	1,139	.0	.0	.0	.0	.0	35.1	35.1	.0	21.8	31.6	21	52
Douglas...........	20,684	6.8	.0	1.0	.0	.0	41.6	24.2	5.8	28.8	42.1	52	38
Eagle.............	12,364	4.9	1.6	.0	.0	.0	38.8	21.0	6.5	27.2	38.7	43	43
Elbert............	5,129	15.6	.0	.0	.0	.0	27.3	23.4	3.9	24.4	40.4	41	45
El Paso...........	251,837	11.8	1.7	.6	.0	.5	25.3	19.6	4.8	24.4	37.7	37	47
Fremont...........	21,481	4.7	2.8	.9	.0	.0	32.6	32.6	12.1	31.5	45.2	61	33
Garfield..........	18,842	7.4	2.1	.0	.0	.0	45.6	18.0	2.1	28.9	41.4	51	39
Gilpin............	2,010	9.9	.0	.0	.0	.0	79.6	29.8	.0	43.5	62.7	89	11
Grand.............	6,223	3.2	.0	.0	.0	.0	41.8	16.1	.0	22.1	31.1	21	53
Gunnison..........	8,495	4.7	2.4	.0	.0	.0	33.0	9.4	2.4	21.1	29.3	16	57
Hinsdale..........	380	52.7	.0	.0	.0	.0	52.7	.0	.0	43.7	78.0	95	6
Huerfano..........	4,683	21.4	4.3	4.3	4.3	.0	29.9	47.0	4.3	45.5	69.1	92	8
Jackson...........	1,286	15.6	15.6	.0	.0	.0	31.1	15.6	.0	38.1	52.6	79	22
Jefferson.........	293,025	7.6	.6	.2	.1	.3	20.1	22.6	3.2	18.8	29.5	12	58
Kiowa.............	1,420	14.1	.0	.0	.0	.0	56.4	14.1	.0	32.3	48.5	67	31
Kit Carson........	5,562	3.6	3.6	.0	.0	.0	71.9	14.4	3.6	39.8	52.7	80	19
Lake..............	5,692	.0	.0	.0	.0	3.5	70.3	17.6	14.1	43.1	56.3	85	15
La Plata..........	22,586	17.7	2.7	.0	.0	.9	37.2	20.4	3.5	32.2	49.9	69	30
Larimer...........	120,541	5.5	1.3	.3	.0	.5	21.4	15.4	3.3	18.0	26.5	8	61
Las Animas........	10,349	38.7	.0	.0	.0	1.9	42.5	19.3	17.4	47.7	79.5	96	4
Lincoln...........	3,344	6.0	.0	.0	.0	.0	41.9	17.9	.0	23.6	34.5	29	50
Logan.............	14,244	7.0	1.4	.0	.0	.0	36.5	19.7	2.8	24.9	36.5	35	48
Mesa..............	64,035	8.1	1.9	.9	.0	.6	31.2	26.2	5.3	27.6	40.8	48	40
Mineral...........	602	.0	.0	.0	.0	.0	66.5	33.2	.0	34.6	47.5	69	29
Moffat............	9,749	12.3	4.1	2.1	.0	.0	28.7	22.6	2.1	28.7	42.7	53	36
Montezuma.........	12,420	16.1	6.4	.0	.0	.0	48.3	24.2	3.2	39.7	58.3	84	16
Montrose..........	17,727	15.8	2.3	.0	.0	.0	33.8	21.4	4.5	29.4	46.0	59	35
Morgan............	15,947	11.3	1.3	.0	.0	.0	47.7	16.3	6.3	32.1	47.3	65	32
Otero.............	15,279	15.7	2.6	1.3	.0	.0	40.6	20.9	6.5	34.7	52.3	75	24
Ouray.............	1,500	13.3	.0	.0	.0	.0	53.3	13.3	.0	30.5	45.9	61	34
Park..............	4,238	9.4	.0	.0	.0	.0	70.8	33.0	4.7	42.4	61.7	88	12
Phillips..........	3,074	6.5	.0	.0	.0	.0	45.5	6.5	.0	23.1	32.7	25	51
Pitkin............	8,921	2.2	2.2	.0	.0	.0	40.4	11.2	6.7	25.5	34.2	32	49
Prowers...........	9,344	6.4	2.1	2.1	2.1	2.1	42.8	25.7	2.1	35.3	48.2	71	28
Pueblo............	90,746	20.1	3.3	1.1	.4	1.1	33.9	20.9	6.8	35.8	55.1	79	21
Rio Blanco........	4,680	8.5	.0	4.3	.0	.0	25.6	29.9	8.5	28.5	42.5	53	37
Rio Grande........	7,639	15.7	7.9	.0	2.6	2.6	41.9	23.6	15.7	49.2	69.0	94	7
Routt.............	10,428	5.8	1.9	.0	.0	.0	34.5	9.6	1.9	21.6	30.5	18	55
Saguache..........	2,893	27.7	6.9	.0	.0	.0	55.3	13.8	20.7	54.0	80.9	97	2
San Juan..........	665	.0	.0	.0	.0	.0	60.1	60.1	30.1	51.4	73.4	95	5
San Miguel........	2,284	.0	.0	.0	.0	.0	35.0	26.3	.0	20.0	28.3	12	59
Sedgwick..........	2,315	17.3	.0	.0	.0	.0	17.3	.0	.0	14.3	25.6	4	63
Summit............	8,193	2.4	.0	.0	.0	.0	41.5	17.1	.0	21.8	30.6	19	54
Teller............	6,967	11.5	8.6	.0	.0	.0	43.1	28.7	11.5	42.5	60.3	87	14
Washington........	3,709	16.2	5.4	5.4	.0	.0	21.6	32.4	5.4	35.5	53.0	77	23
Weld..............	92,938	9.0	2.2	.4	.0	.2	35.5	17.9	5.6	27.6	40.4	47	41
Yuma..............	6,692	.0	.0	.0	.0	.0	35.9	9.0	3.0	18.3	24.2	6	62

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Connecticut.........	2,340,651	14.1	3.6	0.2	0.2	0.0	19.7	10.6	5.6	22.8	35.3	-	-
Fairfield.........	604,935	15.1	3.2	.2	.1	.1	17.3	12.0	7.5	23.0	36.4	31	5
Hartford..........	610,541	14.0	5.1	.4	.3	.1	18.4	9.6	6.1	24.1	36.3	33	3
Litchfield........	115,753	15.0	2.4	.0	.0	.0	26.6	12.3	2.4	23.3	36.9	33	4
Middlesex.........	98,943	15.2	1.8	.2	.2	.0	25.3	11.9	2.2	22.5	35.9	30	6
New Haven.........	571,027	13.3	3.4	.2	.2	.0	16.8	9.4	5.7	20.8	32.5	21	7
New London........	182,073	14.7	4.0	.3	.2	.0	26.8	11.5	3.0	25.5	38.9	40	2
Tolland...........	89,596	8.9	1.3	.0	.0	.0	19.2	9.4	3.3	16.5	25.6	6	8
Windham...........	67,781	14.5	1.5	.0	.0	.0	36.9	12.4	2.7	26.6	41.0	47	1
Delaware............	453,067	16.4	4.0	.6	.3	.0	23.9	13.8	6.4	27.4	42.3	-	-
Kent..............	72,370	10.2	3.3	.8	.0	.0	35.1	10.2	6.1	28.0	40.1	47	3
New Castle........	306,057	17.6	4.8	.6	.3	.1	18.2	15.4	6.1	26.5	41.7	47	2
Sussex............	74,640	17.7	1.3	.5	.5	.0	36.2	10.7	7.8	30.7	47.3	63	1
District of Columbia	501,254	38.3	6.0	.9	.1	.1	10.3	10.3	31.4	43.9	72.7	-	-
Florida.............	7,814,596	18.7	4.1	.5	.2	.1	29.2	18.6	15.9	36.1	55.3	-	-
Alachua...........	126,138	8.7	4.9	.6	.2	.2	23.5	13.8	10.9	27.2	38.7	43	63
Baker.............	11,372	14.1	.0	.0	.0	.0	24.6	17.6	12.3	25.4	40.8	44	62
Bay...............	77,945	18.0	3.1	1.3	.3	.3	26.9	14.9	11.8	32.1	49.3	68	51
Bradford..........	16,047	13.7	3.7	.0	.0	.0	27.4	24.9	21.2	35.8	54.1	78	37
Brevard...........	235,839	19.0	1.6	.9	.1	.1	30.3	17.3	8.5	30.7	48.6	65	55
Broward...........	800,590	18.6	4.9	.3	.1	.2	25.3	20.1	15.9	35.2	54.2	78	38
Calhoun...........	6,640	24.1	3.0	.0	.0	.0	60.2	9.0	15.1	47.1	70.8	94	11
Charlotte.........	52,166	26.8	1.2	.8	.0	.0	24.5	16.5	1.9	27.4	47.7	59	59
Citrus............	49,984	22.4	1.6	.4	.8	.0	47.2	22.0	7.2	39.6	61.9	86	23
Clay..............	53,402	9.7	2.2	.4	.4	.0	37.1	20.6	8.2	30.6	44.8	59	58
Collier...........	76,843	26.5	4.9	2.1	.8	.3	38.3	21.6	21.3	49.4	75.2	95	7
Columbia..........	26,646	18.8	2.3	1.5	.0	.0	51.8	13.5	19.5	45.1	66.5	91	17
Dade..............	1,257,986	16.7	8.6	.4	.2	.1	24.1	19.6	33.2	45.7	66.3	91	16
De Soto...........	14,670	10.9	6.8	.0	.0	2.7	49.1	16.4	16.4	45.6	62.4	90	19
Dixie.............	6,238	12.8	3.2	.0	.0	.0	73.7	16.0	25.6	54.7	76.8	96	6
Duval.............	439,276	29.4	2.5	.7	.5	.1	27.5	20.0	19.4	40.5	66.0	89	20
Escambia..........	184,159	13.9	2.5	.7	.3	.0	28.0	13.8	10.2	28.5	43.2	54	60
Flagler...........	10,753	24.2	.0	.0	.0	.0	29.8	31.6	7.4	32.2	55.2	76	43
Franklin..........	5,672	17.6	7.1	.0	.0	3.5	17.6	17.6	14.1	35.4	52.2	76	42
Gadsden...........	29,677	8.8	9.4	1.3	.0	.7	33.0	8.1	14.8	37.5	49.8	76	44
Gilchrist.........	4,849	8.2	4.1	.0	.0	.0	45.4	28.9	8.2	36.2	52.0	77	40
Glades............	4,567	30.7	.0	.0	.0	.0	96.3	17.5	39.4	75.1	111.9	99	1
Gulf..............	7,998	22.5	10.0	.0	.0	.0	47.5	15.0	10.0	46.9	68.5	93	12
Hamilton..........	6,041	23.2	6.6	.0	.0	.0	43.0	3.3	23.2	45.8	67.5	92	13
Hardee............	13,694	13.1	7.3	1.5	.0	1.5	61.3	20.4	23.4	56.4	77.7	97	5
Hendry............	14,365	12.5	1.4	1.4	.0	1.4	61.3	12.5	26.5	50.0	70.1	94	10
Hernando..........	44,965	21.4	.9	.0	.0	.0	44.5	18.7	7.6	35.6	56.5	80	34
Highlands.........	38,824	20.1	3.6	.0	.0	.0	34.5	12.9	10.3	33.8	52.3	74	45
Hillsborough......	518,125	17.8	4.8	.1	.3	.0	32.3	17.3	16.5	37.3	56.2	81	31
Holmes............	10,899	14.7	5.5	1.8	.0	1.8	49.5	22.0	12.8	46.4	65.7	92	15
Indian River......	52,095	22.7	3.1	.8	.8	.0	37.6	16.9	12.7	39.0	60.4	85	27
Jackson...........	28,495	16.8	2.8	.0	.0	.0	46.3	11.9	16.8	39.5	58.6	84	29
Jefferson.........	7,582	13.2	2.6	.0	2.6	.0	31.7	18.5	13.2	33.9	49.9	71	47
Lafayette.........	2,917	34.3	6.9	.0	.0	.0	48.0	41.1	6.9	52.5	84.5	97	4
Lake..............	84,799	19.6	8.7	.0	.5	.0	39.6	19.3	9.4	42.2	62.0	88	22
Lee...............	175,752	23.8	2.2	.5	.0	.1	29.4	19.5	13.4	35.0	56.7	80	35
Leon..............	121,337	7.4	4.0	1.0	.2	.5	23.4	12.0	5.8	23.6	33.2	27	67
Levy..............	16,028	22.5	5.0	.0	1.2	.0	38.7	33.7	8.7	42.5	66.1	90	18

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates: Minimum	Range of Rates: Maximum	Rank in U.S. (Percentile)	Rank in State
Liberty	3,075	19.5	13.0	0.0	0.0	0.0	117.1	6.5	13.0	77.6	104.3	99	2
Madison	10,265	5.8	.0	1.9	.0	.0	31.2	13.6	27.3	33.0	46.5	65	54
Manatee	115,985	18.6	1.9	.5	.3	.0	31.6	17.2	10.5	32.0	50.3	70	48
Marion	105,922	15.3	4.7	.2	.6	.2	43.8	21.0	13.6	40.9	59.9	86	25
Martin	54,898	17.9	3.6	.4	.4	.0	30.2	18.9	7.7	31.8	49.3	68	53
Monroe	55,007	27.6	4.7	1.5	.0	.0	41.1	20.7	17.5	47.1	73.0	94	9
Nassau	25,724	23.3	3.9	.0	.0	.0	31.9	11.7	12.4	35.0	55.2	79	36
Okaloosa	91,051	11.0	2.6	.0	.0	.0	29.7	17.1	6.8	26.2	39.5	43	64
Okeechobee	16,690	21.6	9.6	.0	.0	.0	56.3	21.6	30.0	60.5	87.1	98	3
Orange	381,572	16.0	1.2	.6	.4	.1	33.6	17.9	12.4	32.3	49.8	69	49
Osceola	45,036	14.2	.9	1.3	.0	.0	36.9	19.5	10.2	32.2	49.0	68	52
Palm Beach	480,776	19.1	3.2	.6	.2	.0	28.2	20.1	14.0	34.4	53.6	77	41
Pasco	161,723	20.3	2.3	.5	.1	.1	30.5	22.8	7.7	32.4	51.9	72	46
Pinellas	557,118	22.8	2.6	.4	.3	.3	20.3	19.5	6.4	28.3	47.3	60	57
Polk	251,997	15.7	2.8	.8	.4	.5	36.7	20.4	13.8	36.9	55.2	80	33
Putnam	39,485	21.8	3.5	.0	.0	.0	46.1	15.7	13.7	41.4	63.2	88	21
St. Johns	43,597	19.7	3.7	.9	.0	.0	36.7	15.6	11.5	36.6	55.9	80	32
St. Lucie	74,485	19.6	2.7	.8	.3	.0	40.3	12.6	19.3	40.3	60.8	86	24
Santa Rosa	44,481	12.1	1.3	.4	.9	.0	39.1	14.8	9.0	31.3	46.2	62	56
Sarasota	165,808	19.8	2.9	.7	.1	.0	19.7	19.1	6.3	26.9	44.0	52	61
Seminole	149,856	13.5	.9	.7	.3	.0	24.4	14.3	7.2	23.9	37.5	36	65
Sumter	19,761	15.2	7.1	.0	.0	.0	64.8	21.3	12.1	50.5	71.5	95	8
Suwannee	16,708	19.2	8.4	1.2	.0	.0	41.9	18.0	15.6	45.9	66.6	92	14
Taylor	12,281	11.4	8.1	1.6	.0	.0	34.2	16.3	21.2	42.0	58.3	86	26
Union	8,502	23.5	2.4	.0	.0	.0	25.9	16.5	25.9	38.3	61.1	85	28
Volusia	211,543	25.4	3.5	.2	.0	.1	26.1	19.4	10.0	33.8	55.4	78	39
Wakulla	8,225	21.9	7.3	.0	.0	.0	36.5	12.2	7.3	37.4	56.6	82	30
Walton	16,916	7.1	4.7	1.2	.0	.0	41.4	17.7	9.5	34.2	47.2	68	50
Washington	10,733	9.3	1.9	.0	.0	.0	28.0	7.5	11.2	24.2	35.4	32	66
Georgia	4,134,527	13.6	4.7	1.1	.4	.5	30.8	15.7	16.6	36.2	52.4	-	-
Appling	10,702	18.7	1.9	.0	.0	.0	35.5	15.0	13.1	33.6	52.3	74	97
Atkinson	4,255	9.4	.0	.0	.0	.0	79.9	9.4	32.9	54.8	75.8	96	9
Bacon	6,427	12.4	.0	3.1	.0	.0	6.2	12.4	6.2	16.2	26.8	6	156
Baker	2,596	15.4	.0	.0	.0	.0	77.1	7.7	7.7	43.8	63.3	89	37
Baldwin	27,492	17.5	8.0	1.5	.7	.0	24.0	18.2	14.5	37.9	55.5	81	77
Banks	6,604	.0	.0	.0	.0	.0	48.5	6.1	3.0	23.0	29.9	20	152
Barrow	15,937	8.8	10.0	.0	.0	.0	48.9	20.1	20.1	47.7	64.6	92	27
Bartow	30,500	11.8	9.2	2.6	.0	.0	37.4	26.2	13.1	43.8	60.9	88	42
Ben Hill	11,649	13.7	3.4	1.7	1.7	1.7	32.6	13.7	10.3	35.5	50.6	74	96
Berrien	9,809	12.2	4.1	.0	2.0	.0	44.9	16.3	10.2	38.0	54.1	80	81
Bibb	112,016	18.2	4.3	1.4	.4	.2	25.7	19.3	19.6	37.6	56.9	82	70
Bleckley	7,959	10.1	7.5	2.5	.0	.0	27.6	12.6	7.5	31.8	43.7	59	124
Brantley	6,236	19.2	6.4	.0	.0	.0	54.5	22.5	16.0	49.2	72.2	95	19
Brooks	10,240	17.6	5.9	.0	2.0	.0	31.2	25.4	13.7	39.6	59.2	85	54
Bryan	7,557	29.1	2.6	.0	.0	.0	74.1	13.2	21.2	58.3	88.0	98	3
Bulloch	27,165	10.3	3.7	.7	.0	.7	25.0	8.8	10.3	26.5	38.1	41	142
Burke	13,249	9.1	9.1	3.0	.0	.0	55.9	10.6	28.7	54.8	72.5	96	13
Butts	10,429	11.5	5.8	.0	1.9	.0	30.7	11.5	7.7	31.2	44.0	59	126
Calhoun	3,939	.0	.0	.0	.0	.0	50.8	5.1	5.1	24.7	32.0	27	150
Camden	10,621	7.5	1.9	1.9	.0	.0	35.8	7.5	18.8	32.2	44.7	61	121
Candler	5,269	15.2	15.2	.0	.0	.0	22.8	.0	11.4	36.3	49.0	73	101
Carroll	43,294	7.4	4.2	.0	.9	.0	31.0	14.3	16.2	31.6	44.2	60	123
Catoosa	27,516	9.4	.0	.0	.0	.0	24.7	10.9	8.7	20.5	31.7	19	153
Charlton	5,095	15.7	.0	.0	.0	.0	35.3	23.6	15.7	33.4	52.4	74	98
Chatham	151,816	26.1	3.8	.9	.1	.1	23.1	11.9	24.6	39.3	62.2	86	51
Chattahoochee	17,020	2.4	.0	1.2	.0	.0	27.0	3.5	3.5	15.9	21.3	3	158
Chattooga	15,729	16.5	2.5	.0	.0	.0	33.1	17.8	10.2	31.5	48.9	67	115
Cherokee	41,254	9.7	1.5	1.5	1.0	.0	40.7	14.5	9.2	32.2	45.9	63	120

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Clarke	60,573	10.6	1.3	2.3	0.0	0.3	21.8	8.6	10.9	24.3	35.7	32	148
Clay	2,353	34.0	.0	.0	.0	.0	42.5	51.0	17.0	50.0	84.6	97	8
Clayton	115,866	8.8	1.0	.0	.0	.3	28.3	19.0	9.8	25.3	38.1	39	143
Clinch	4,615	4.3	4.3	.0	.0	.0	47.7	8.7	21.7	38.0	50.8	77	87
Cobb	249,805	10.6	1.1	.3	.2	.5	29.8	15.9	8.6	26.2	39.4	42	139
Coffee	19,513	14.3	3.1	2.0	.0	.0	35.9	14.3	19.5	38.1	55.5	81	74
Colquitt	24,979	12.0	3.2	.0	.8	.8	32.8	18.4	12.0	32.8	48.1	67	113
Columbia	32,723	8.6	1.8	.0	.0	.6	28.7	12.2	7.9	24.2	35.4	32	149
Cook	9,249	8.6	4.3	.0	.0	.0	36.8	19.5	10.8	32.3	46.1	64	119
Coweta	29,505	11.5	2.7	.0	.0	.0	44.1	19.7	19.0	38.8	56.4	83	67
Crawford	5,199	.0	7.7	.0	.0	.0	38.5	26.9	19.2	38.3	50.4	77	88
Crisp	13,663	13.2	2.9	2.9	.0	.0	32.2	16.1	16.1	35.6	51.7	76	92
Dade	8,564	9.3	2.3	.0	.0	.0	51.4	14.0	21.0	40.4	57.1	84	56
Dawson	3,870	5.2	5.2	5.2	.0	.0	77.5	15.5	10.3	53.0	68.7	95	18
Decatur	17,784	15.7	6.7	.0	1.1	.0	45.0	9.0	15.7	42.4	60.1	87	48
De Kalb	378,877	11.9	2.3	.8	.2	.6	21.1	14.9	13.4	26.9	40.5	46	135
Dodge	11,835	18.6	1.7	.0	.0	.0	33.8	6.8	15.2	32.0	49.5	68	110
Dooly	7,110	11.3	8.4	.0	.0	.0	59.1	14.1	16.9	48.6	66.4	93	26
Dougherty	71,760	12.5	6.1	.6	.8	.3	27.6	16.2	22.9	38.5	54.9	81	76
Douglas	41,733	9.1	6.7	1.0	.5	.0	30.7	20.1	12.5	34.6	48.5	71	105
Early	8,710	23.0	6.9	.0	.0	.0	45.9	11.5	27.6	50.8	74.9	96	15
Echols	1,583	.0	.0	.0	.0	.0	12.6	25.3	12.6	16.3	24.1	5	157
Effingham	13,740	5.8	1.5	.0	.0	1.5	34.9	11.6	14.6	29.1	40.6	50	134
Elbert	13,365	10.5	4.5	1.5	.0	.0	46.4	13.5	16.5	40.2	56.0	83	61
Emanuel	14,572	15.1	6.9	1.4	.0	.0	46.7	15.1	23.3	48.0	67.8	93	24
Evans	5,973	16.7	3.3	.0	3.3	.0	53.6	23.4	23.4	51.8	74.7	96	14
Fannin	10,968	10.9	1.8	1.8	.0	.0	36.5	16.4	9.1	31.0	45.3	61	122
Fayette	24,773	8.1	2.4	.8	.0	.0	34.7	12.1	4.0	25.4	36.4	36	145
Floyd	58,364	8.2	3.8	1.7	.3	.0	27.1	17.1	14.0	30.6	43.3	57	129
Forsyth	22,570	9.7	3.5	2.7	.0	.0	47.0	18.6	5.3	36.1	50.6	75	94
Franklin	11,131	12.6	5.4	3.6	.0	1.8	61.1	19.8	25.2	57.4	78.5	97	5
Fulton	448,334	18.9	15.3	1.7	.6	2.1	24.4	17.1	33.9	57.1	78.7	97	6
Gilmer	8,304	7.2	7.2	.0	.0	.0	45.8	19.3	2.4	34.4	47.0	68	111
Glascock	1,653	.0	.0	.0	.0	.0	24.2	12.1	.0	12.6	17.3	1	159
Glynn	41,579	18.3	5.8	2.4	1.4	.0	29.8	14.9	20.7	42.3	61.5	88	43
Gordon	22,329	15.2	5.4	1.8	.0	.0	43.9	19.7	14.3	42.5	61.4	88	45
Grady	14,009	5.7	4.3	2.9	.0	.0	51.4	20.0	17.1	43.1	58.2	86	52
Greene	7,955	27.7	7.5	.0	2.5	.0	17.6	10.1	12.6	36.7	57.4	82	73
Gwinnett	147,802	6.4	1.1	.0	.0	.4	24.1	15.3	6.4	20.3	30.0	15	154
Habersham	19,371	9.3	4.1	.0	.0	1.0	35.1	7.2	17.6	33.4	46.5	66	116
Hall	58,206	17.5	3.4	1.4	.3	.3	34.0	16.8	10.7	35.3	53.2	77	89
Hancock	6,297	25.4	.0	.0	.0	.0	47.6	9.5	22.2	42.8	67.1	91	31
Haralson	13,704	17.5	.0	.0	.0	.0	52.5	23.4	7.3	37.3	57.8	82	68
Harris	11,725	15.4	3.4	3.4	.0	.0	59.7	17.1	15.4	48.8	69.2	94	21
Hart	13,447	10.4	5.9	3.0	.0	1.5	50.6	10.4	13.4	44.3	59.5	88	46
Heard	4,652	17.2	.0	.0	.0	.0	55.9	47.3	12.9	46.0	71.7	94	22
Henry	28,324	6.4	2.1	.0	.0	.0	31.8	16.9	15.5	28.8	41.2	51	133
Houston	59,252	13.2	3.4	1.7	.0	.0	17.9	16.5	9.8	25.9	39.4	42	140
Irwin	6,066	16.5	6.6	.0	.0	.0	39.6	36.3	16.5	45.0	67.2	92	29
Jackson	19,070	21.0	2.1	.0	.0	.0	53.5	22.0	11.5	43.0	65.9	90	33
Jasper	5,547	25.2	3.6	.0	3.6	.0	32.4	.0	14.4	38.0	57.6	83	66
Jeff Davis	8,241	12.1	2.4	2.4	.0	2.4	51.0	17.0	17.0	45.0	63.0	90	34
Jefferson	12,546	8.0	8.0	1.6	1.6	.0	35.1	11.2	12.8	37.4	49.6	75	93
Jenkins	5,975	6.7	.0	.0	.0	.0	63.6	3.3	10.0	34.8	47.7	70	108
Johnson	5,936	.0	3.4	.0	.0	.0	43.8	13.5	23.6	35.5	46.7	69	109
Jones	12,455	14.5	8.0	1.6	.0	.0	46.6	9.6	12.8	43.1	59.8	87	47
Lamar	8,722	13.8	2.3	4.6	.0	.0	11.5	20.6	9.2	25.8	39.5	42	141
Lanier	3,882	10.3	.0	.0	.0	.0	46.4	10.3	10.3	30.6	44.8	59	125
Laurens	26,563	18.1	3.0	.0	.0	.0	32.4	15.1	21.8	37.3	56.9	82	71
Lee	9,040	2.2	4.4	.0	.0	.0	44.2	13.3	17.7	34.9	46.2	68	112

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Liberty	28,788	3.5	0.7	0.0	0.0	0.0	43.8	9.0	9.0	26.6	36.3	38	144
Lincoln	4,952	.0	.0	.0	.0	.0	24.2	8.1	16.2	19.4	26.2	9	155
Long	3,650	11.0	.0	.0	.0	.0	21.9	21.9	38.4	36.1	54.7	79	84
Lowndes	50,826	11.8	2.0	.4	.4	.0	28.3	12.6	16.1	29.6	44.0	57	130
Lumpkin	8,371	9.6	2.4	.0	.0	.0	35.8	16.7	11.9	30.3	44.3	58	127
McDuffie	13,639	11.7	2.9	2.9	1.5	.0	20.5	14.7	13.2	29.9	43.2	56	132
McIntosh	5,404	.0	3.7	.0	3.7	.0	59.2	29.6	7.4	41.7	54.5	83	63
Macon	9,610	6.2	2.1	.0	.0	.0	35.4	4.2	10.4	25.2	35.0	33	147
Madison	12,892	14.0	1.6	.0	1.6	.0	34.1	23.3	7.8	31.5	48.0	65	117
Marion	3,662	21.8	.0	.0	.0	.0	60.1	10.9	10.9	41.5	63.6	89	41
Meriwether	14,381	8.3	1.4	.0	.0	.0	51.5	16.7	19.5	38.9	55.2	82	72
Miller	4,786	8.4	.0	.0	.0	.0	62.7	8.4	12.5	37.3	52.3	78	85
Mitchell	14,214	14.1	4.2	.0	.0	.0	56.3	15.5	23.9	48.0	68.5	93	23
Monroe	10,620	7.5	5.6	.0	.0	.0	47.1	9.4	11.3	35.7	48.5	72	103
Montgomery	5,201	15.4	3.8	3.8	3.8	.0	46.1	23.1	7.7	45.4	64.1	91	32
Morgan	8,109	17.3	9.9	4.9	.0	.0	39.5	9.9	29.6	54.3	74.7	96	11
Murray	14,400	16.7	1.4	4.2	.0	2.8	34.7	19.4	11.1	38.9	56.9	83	65
Muscogee	129,145	14.2	3.7	3.1	.3	.0	20.8	14.4	19.7	33.8	49.6	71	104
Newton	25,903	12.4	3.9	.0	.0	.0	27.0	21.6	20.8	34.4	51.3	74	100
Oconee	9,718	12.3	.0	.0	2.1	.0	39.1	16.5	6.2	29.7	44.6	58	128
Oglethorpe	6,527	12.3	3.1	6.1	.0	.0	61.3	36.8	12.3	53.1	74.8	96	12
Paulding	19,746	18.2	5.1	.0	2.0	.0	42.5	21.3	11.1	41.9	62.0	88	44
Peach	13,725	20.4	10.2	1.5	.0	1.5	32.1	16.0	23.3	49.1	70.3	94	20
Pickens	8,920	13.5	4.5	.0	.0	.0	49.3	38.1	.0	38.3	57.5	83	64
Pierce	8,638	9.3	6.9	.0	.0	.0	20.8	11.6	6.9	25.1	35.5	34	146
Pike	6,188	6.5	6.5	3.2	3.2	.0	42.0	25.9	16.2	46.0	61.2	90	36
Polk	23,654	16.9	4.2	1.7	.8	.0	38.9	18.6	14.4	40.5	59.5	86	53
Pulaski	6,197	9.7	.0	3.2	.0	.0	35.5	25.8	25.8	39.4	57.3	84	59
Putnam	8,020	15.0	2.5	.0	.0	.0	49.9	17.5	17.5	41.3	60.8	87	49
Quitman	1,606	12.5	12.5	.0	.0	.0	62.3	37.4	24.9	62.9	87.1	98	2
Rabun	7,767	15.4	12.9	2.6	2.6	.0	33.5	20.6	10.3	47.4	64.7	91	30
Randolph	6,504	9.2	.0	9.2	3.1	.0	30.7	9.2	30.7	45.3	60.5	89	40
Richmond	137,544	19.2	5.5	1.6	1.6	.9	22.7	11.5	20.9	39.1	57.5	84	60
Rockdale	28,814	11.8	.7	.0	.7	.0	34.7	14.6	6.2	26.7	40.4	45	136
Schley	2,277	17.6	.0	.0	.0	.0	8.8	26.4	17.6	24.4	42.3	45	137
Screven	9,864	10.1	6.1	.0	.0	2.0	46.6	14.2	14.2	41.4	56.8	85	55
Seminole	6,264	9.6	3.2	3.2	.0	.0	31.9	9.6	16.0	33.1	46.2	65	118
Spalding	35,022	19.4	6.3	5.7	.0	.6	30.8	22.3	19.4	47.1	68.0	93	25
Stephens	15,961	5.0	7.5	.0	.0	.0	37.6	20.0	15.0	36.4	49.2	74	99
Stewart	4,021	9.9	14.9	.0	.0	.0	29.8	44.8	24.9	52.2	72.7	95	16
Sumter	20,931	21.0	4.8	1.0	1.9	.0	36.3	13.4	18.2	42.7	63.4	89	39
Talbot	4,659	8.6	8.6	.0	.0	.0	55.8	.0	12.9	41.6	54.6	83	62
Taliaferro	1,422	14.1	.0	.0	.0	.0	84.4	.0	28.1	54.4	76.1	96	10
Tattnall	13,104	21.4	.0	.0	.0	.0	51.9	21.4	15.3	42.0	65.5	90	35
Taylor	5,766	13.9	.0	.0	.0	.0	48.6	17.3	6.9	32.8	49.8	70	107
Telfair	8,046	7.5	7.5	.0	.0	2.5	57.2	19.9	14.9	48.0	64.2	92	28
Terrell	8,037	5.0	10.0	.0	2.5	.0	47.3	10.0	37.3	53.9	69.8	95	17
Thomas	27,168	15.5	4.4	2.2	.0	.7	30.9	16.2	13.3	36.2	52.9	78	86
Tift	23,826	11.8	5.9	2.5	.0	.0	26.9	8.4	17.6	34.5	48.2	70	106
Toombs	16,135	12.4	6.2	1.2	.0	.0	24.8	16.1	26.0	38.4	55.0	81	79
Towns	4,501	13.3	8.9	8.9	.0	.0	35.5	.0	8.9	42.3	55.0	84	57
Treutlen	4,198	4.8	4.8	.0	.0	.0	42.9	4.8	38.1	43.6	58.2	87	50
Troup	36,621	14.2	3.3	.5	1.1	1.1	34.4	18.6	16.9	38.0	55.4	81	78
Turner	6,391	21.9	3.1	.0	.0	.0	43.8	9.4	12.5	38.3	58.6	84	58
Twiggs	6,728	8.9	.0	.0	.0	.0	56.5	3.0	11.9	33.6	47.1	67	114
Union	7,145	5.6	.0	.0	.0	.0	42.0	11.2	11.2	27.4	38.9	44	138
Upson	18,979	12.6	7.4	2.1	.0	1.1	32.7	10.5	11.6	37.0	51.2	77	90
Walker	40,807	10.8	1.0	.5	.0	1.0	36.8	11.8	10.8	29.7	43.4	56	131
Walton	22,375	14.3	3.6	2.7	.0	.0	42.0	25.0	8.0	38.6	56.5	82	69
Ware	26,009	20.8	3.1	1.5	.0	.0	27.7	20.8	16.1	36.5	57.0	81	75

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Warren	4,390	0.0	9.1	0.0	0.0	0.0	31.9	13.7	27.3	38.1	48.6	75	95
Washington	13,179	13.7	13.7	.0	3.0	.0	42.5	27.3	30.4	59.9	81.7	97	4
Wayne	15,180	19.8	1.3	.0	.0	.0	40.8	9.2	15.8	35.8	55.3	79	83
Webster	1,573	50.8	.0	.0	.0	.0	50.8	25.4	50.8	71.2	117.2	99	1
Wheeler	3,393	11.8	.0	.0	.0	.0	53.1	23.6	11.8	37.4	55.6	81	80
White	7,896	7.6	2.5	.0	.0	.0	32.9	.0	7.6	23.1	32.1	24	151
Whitfield	48,669	14.0	4.5	.4	.8	1.2	32.5	16.4	10.7	34.7	50.4	73	102
Wilcox	5,256	3.8	11.4	7.6	.0	.0	45.7	11.4	38.0	59.9	75.4	97	7
Wilkes	7,858	7.6	2.5	.0	2.5	.0	40.7	25.5	12.7	36.4	51.5	76	91
Wilkinson	7,378	24.4	5.4	2.7	.0	.0	27.1	19.0	19.0	42.2	64.8	89	38
Worth	12,694	7.9	3.2	.0	.0	.0	50.4	22.1	12.6	37.9	53.6	80	82
Hawaii	743,149	8.2	.8	.1	.0	.1	18.8	13.2	6.2	17.8	27.6	-	-
Hawaii	70,865	10.2	.6	.3	.0	.0	33.0	13.8	7.3	25.1	37.8	38	2
Honolulu	586,002	7.7	.7	.1	.0	.1	15.4	13.5	6.3	16.2	25.4	6	4
Kauai	29,782	10.1	2.0	.0	.0	.7	36.3	12.1	4.7	26.7	39.0	43	1
Maui	56,501	9.9	1.1	.0	.0	.0	26.9	10.6	3.9	20.4	31.2	17	3
Idaho	674,924	9.7	1.5	.5	.2	.1	34.6	18.5	4.4	26.6	39.5	-	-
Ada	130,831	7.9	.8	.5	.0	.0	28.3	20.2	4.6	22.6	34.2	27	34
Adams	2,311	8.7	.0	.0	.0	.0	17.3	8.7	.0	12.6	20.6	1	42
Bannock	46,902	10.2	1.7	1.7	.4	.0	30.3	17.1	3.8	26.0	38.4	40	28
Bear Lake	4,276	14.0	.0	.0	4.7	.0	56.1	32.7	9.4	44.9	65.9	91	4
Benewah	5,766	24.3	3.5	.0	3.5	.0	69.4	24.3	3.5	52.5	78.0	96	1
Bingham	23,361	18.0	3.4	.0	.0	.0	42.0	23.1	6.0	35.9	55.1	79	9
Blaine	8,977	4.5	2.2	.0	.0	2.2	33.4	15.6	.0	23.4	32.2	25	35
Boise	2,115	.0	.0	.0	.0	.0	56.7	9.5	28.4	39.1	51.7	79	10
Bonner	17,820	10.1	2.2	.0	.0	2.2	43.8	22.4	4.5	33.6	48.5	69	15
Bonneville	45,285	11.5	.9	1.8	.4	.0	34.4	22.5	.4	27.0	40.9	47	26
Boundary	4,956	12.1	.0	.0	.0	.0	48.4	16.1	16.1	36.1	53.5	78	11
Butte	2,193	9.1	.0	.0	.0	.0	18.2	9.1	.0	13.2	21.7	2	40
Camas	527	.0	.0	.0	.0	.0	37.9	.0	37.9	33.8	44.4	63	18
Canyon	59,788	7.4	.3	.3	.0	.0	32.4	14.0	3.7	21.9	32.4	22	36
Caribou	5,344	3.7	.0	.0	.0	.0	33.7	26.2	.0	20.9	31.1	18	37
Cassia	12,991	12.3	7.7	.0	.0	.0	41.6	15.4	15.4	40.5	57.0	84	7
Clark	586	34.1	.0	.0	.0	.0	.0	.0	34.1	30.0	54.2	72	14
Clearwater	7,295	11.0	5.5	.0	.0	.0	49.3	32.9	11.0	42.4	61.2	87	6
Custer	3,172	25.2	.0	.0	.0	.0	50.4	31.5	18.9	46.7	74.5	95	2
Elmore	15,957	10.0	.0	1.3	1.3	.0	42.6	15.0	5.0	29.9	43.4	57	20
Franklin	5,467	3.7	.0	.0	.0	.0	14.6	14.6	3.7	12.3	19.0	1	43
Fremont	6,830	2.9	2.9	.0	.0	.0	35.1	29.3	5.9	27.5	38.9	44	27
Gem	8,078	5.0	2.5	.0	.0	.0	37.1	14.9	5.0	25.4	35.5	35	32
Gooding	8,319	9.6	2.4	2.4	.0	.0	45.7	16.8	4.8	33.6	47.5	68	16
Idaho	10,232	7.8	3.9	.0	.0	.0	45.0	25.4	3.9	32.9	47.1	66	17
Jefferson	9,877	6.1	2.0	.0	.0	.0	46.6	12.1	8.1	30.3	42.2	55	21
Jerome	10,289	7.8	1.9	.0	.0	.0	29.2	11.7	7.8	23.4	34.1	29	33
Kootenai	44,713	12.1	2.7	.0	.0	.0	30.0	16.1	3.6	25.1	38.3	39	31
Latah	23,123	5.2	1.7	.0	.0	.0	13.8	13.8	2.6	13.7	20.8	1	41
Lemhi	5,310	7.5	3.8	.0	.0	.0	67.8	15.1	3.8	40.1	54.8	82	8
Lewis	2,826	35.4	.0	.0	.0	.0	35.4	42.5	7.1	41.2	72.6	92	3
Lincoln	2,326	.0	.0	.0	.0	.0	43.0	17.2	.0	21.5	29.1	16	38
Madison	14,207	.0	.0	.0	.0	.0	16.9	9.9	1.4	9.7	13.5	0	44
Minidoka	13,627	10.3	1.5	.0	.0	.0	35.2	22.0	5.9	27.6	41.8	50	25
Nez Perce	23,660	16.1	2.5	.8	.8	.0	43.1	25.4	.0	34.0	51.7	74	12
Oneida	2,145	9.3	.0	.0	.0	.0	28.0	18.6	.0	19.3	30.6	15	39
Owyhee	5,727	10.5	3.5	.0	.0	.0	38.4	17.5	3.5	29.1	42.5	53	22
Payette	10,693	7.5	.0	.0	.0	.0	43.0	16.8	9.4	28.9	42.1	53	23
Power	4,406	4.5	.0	4.5	.0	.0	54.5	22.7	4.5	36.0	49.0	73	13

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirr-hosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide	Range of Rates		Rank in U.S. (Per-cen-tile)	Rank in State
										Mini-mum	Maxi-mum		
Shoshone	12,817	14.0	0.0	0.0	0.0	0.0	48.4	18.7	1.6	30.6	46.9	62	19
Teton	1,990	10.1	.0	.0	.0	.0	90.5	10.1	.0	44.1	61.2	89	5
Twin Falls	37,335	9.1	2.1	.0	.0	.0	37.0	14.5	3.7	26.1	38.1	40	29
Valley	4,646	12.9	.0	.0	.0	.0	38.7	17.2	.0	25.0	39.2	40	30
Washington	5,828	17.2	.0	.0	.0	.0	27.5	17.2	10.3	26.8	43.8	52	24
Illinois	8,376,624	15.7	1.9	.4	.1	.2	19.6	12.5	13.8	26.3	41.4	-	-
Adams	50,423	11.1	.4	.0	.0	.4	26.6	11.5	4.0	20.7	32.2	20	54
Alexander	8,200	9.8	2.4	.0	.0	.0	36.6	7.3	36.6	40.5	57.2	84	2
Bond	11,530	.0	3.5	.0	.0	.0	38.2	6.9	5.2	23.3	29.6	20	53
Boone	20,212	10.9	.0	1.0	.0	.0	22.8	15.8	3.0	19.6	31.1	16	61
Brown	3,704	10.8	.0	.0	.0	.0	37.8	27.0	.0	25.7	40.3	43	19
Bureau	26,729	9.7	.7	.7	.0	.0	23.9	12.7	2.2	19.1	29.6	13	70
Calhoun	4,050	19.8	.0	.0	.0	.0	54.3	14.8	.0	33.9	53.0	75	4
Carroll	13,031	4.6	.0	.0	.0	.0	24.6	7.7	3.1	15.2	22.2	3	96
Cass	10,172	5.9	2.0	.0	.0	.0	25.6	17.7	2.0	19.6	28.9	13	72
Champaign	133,427	5.5	1.5	.6	.0	.1	13.9	10.2	5.8	15.2	22.4	3	95
Christian	25,760	7.8	.8	.0	.0	.0	38.8	7.0	2.3	22.8	32.8	25	43
Clark	11,844	5.1	.0	.0	.0	.0	30.4	22.0	.0	19.2	29.0	12	74
Clay	10,789	7.4	.0	.0	.0	.0	18.5	3.7	.0	11.6	18.2	1	101
Clinton	23,089	8.7	1.7	.0	.0	.0	24.3	11.3	1.7	18.5	28.1	10	80
Coles	40,191	7.5	2.0	.5	.0	.0	17.9	12.9	4.5	17.8	26.7	8	83
Cook	3,902,566	21.6	2.7	.6	.2	.3	14.3	11.5	22.8	31.6	50.7	70	6
Crawford	14,732	10.9	1.4	.0	.0	.0	28.5	14.9	1.4	21.4	33.2	23	45
Cumberland	7,637	13.1	.0	.0	.0	.0	13.1	13.1	.0	13.5	24.2	3	94
De Kalb	57,479	8.0	1.4	.0	.0	.0	22.3	13.6	1.4	17.4	26.7	7	84
De Witt	12,758	7.8	1.6	.0	.0	.0	34.5	18.8	3.1	24.5	36.3	34	31
Douglas	13,938	10.0	.0	.0	.0	.0	43.0	7.2	1.4	24.3	35.9	33	35
Du Page	501,709	8.2	.4	.4	.0	.0	16.1	12.0	2.5	14.6	23.3	3	93
Edgar	14,971	8.0	.0	.0	.0	.0	38.7	9.4	1.3	22.1	32.5	23	46
Edwards	5,645	14.2	.0	.0	.0	.0	14.2	17.7	.0	15.3	27.5	6	87
Effingham	21,465	7.5	.9	1.9	.0	.0	31.7	14.0	1.9	22.8	33.0	25	42
Fayette	15,520	6.4	2.6	.0	1.3	.0	32.2	16.8	.0	23.4	33.3	27	41
Ford	10,583	17.0	.0	.0	.0	.0	17.0	13.2	5.7	19.4	33.7	21	51
Franklin	30,496	16.4	.0	.0	.0	.7	30.8	14.4	5.9	26.0	41.7	47	15
Fulton	29,433	10.9	.0	.0	.0	.0	27.2	9.5	4.8	20.0	31.3	17	59
Gallatin	5,458	33.0	.0	.0	.0	.0	36.6	14.7	14.7	38.7	65.6	88	1
Greene	11,326	5.3	.0	.0	.0	.0	37.1	21.2	7.1	25.3	37.0	37	24
Grundy	21,955	15.5	1.8	.0	.0	.0	35.5	8.2	4.6	26.9	41.3	48	13
Hamilton	6,547	12.2	.0	.0	.0	.0	21.4	6.1	6.1	18.1	29.1	11	78
Hancock	16,626	9.6	2.4	1.2	.0	.0	30.1	9.6	3.6	23.8	34.6	30	38
Hardin	3,829	5.2	5.2	.0	.0	.0	20.9	20.9	10.4	25.2	35.7	35	30
Henderson	6,393	6.3	.0	.0	.0	.0	34.4	9.4	.0	18.9	27.7	10	81
Henry	39,519	10.1	1.5	.0	.0	.0	27.8	13.2	3.0	21.4	32.7	22	48
Iroquois	22,924	13.1	.0	.0	.0	.0	35.8	11.3	6.1	25.5	39.5	42	22
Jackson	48,911	7.0	1.6	1.6	.0	.4	23.3	6.1	4.9	19.9	28.0	12	76
Jasper	7,922	15.1	.0	.0	.0	.0	45.4	5.0	.0	26.3	40.3	45	17
Jefferson	26,578	10.5	1.5	.8	.0	.0	25.6	12.8	6.8	23.1	34.9	29	39
Jersey	14,518	5.5	.0	.0	.0	.0	28.9	20.7	2.8	19.8	30.0	15	67
Jo Daviess	16,418	8.5	4.9	.0	.0	1.2	23.1	9.7	2.4	22.4	31.6	22	49
Johnson	7,499	5.3	.0	.0	.0	.0	26.7	5.3	8.0	18.2	26.3	8	82
Kane	202,646	13.8	1.3	.0	.3	.0	23.7	17.1	6.1	23.5	37.5	35	29
Kankakee	72,012	10.8	.8	.0	.3	.6	28.9	12.8	12.2	26.5	39.8	44	18
Kendall	25,904	5.4	2.3	.0	.0	.0	30.1	13.1	2.3	20.9	29.7	16	62
Knox	43,009	11.6	.9	.9	.0	.0	22.8	15.3	2.8	20.6	32.4	20	52
Lake	330,847	13.4	1.0	.1	.1	.2	23.8	13.2	6.0	22.3	35.5	29	40
La Salle	78,754	14.0	.8	.0	.3	.0	31.0	15.7	1.5	23.6	37.5	35	28

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Lawrence	12,678	12.6	0.0	0.0	0.0	0.0	23.7	12.6	1.6	18.4	30.2	13	71
Lee	25,223	12.7	3.2	.0	.8	.0	33.3	19.8	4.8	29.4	44.0	57	10
Livingston	29,305	4.8	2.7	.0	.7	.0	24.6	17.7	4.8	21.5	30.6	18	56
Logan	22,944	10.5	.9	.9	.0	.0	19.2	13.1	3.5	18.3	28.9	11	77
McDonough	28,415	7.0	2.1	.0	.0	.0	19.0	5.6	1.4	14.8	21.9	2	98
McHenry	107,284	14.9	.6	.4	.2	.0	34.1	13.6	1.7	25.1	39.5	41	23
McLean	92,221	6.5	1.1	.2	.0	.0	22.3	10.4	2.6	16.7	24.8	5	89
Macon	93,102	9.5	1.3	.2	.0	.2	21.1	11.4	5.4	19.2	29.5	13	69
Macoupin	34,201	11.7	.0	.0	.0	.0	21.1	8.8	.6	15.7	25.9	5	88
Madison	180,434	10.3	.7	.2	.2	.2	27.4	14.6	8.4	23.9	36.4	33	34
Marion	30,839	10.4	1.3	.6	.0	.0	31.1	13.6	5.8	24.7	37.1	36	27
Marshall	9,686	4.1	.0	.0	.0	.0	24.8	8.3	6.2	16.7	24.1	5	90
Mason	12,999	12.3	.0	.0	.0	.0	27.7	10.8	4.6	21.0	33.3	23	47
Massac	10,828	7.4	.0	1.8	.0	.0	29.6	1.8	3.7	19.4	27.6	11	79
Menard	8,187	9.8	2.4	.0	.0	.0	26.9	19.5	9.8	26.2	39.5	43	21
Mercer	13,395	7.5	3.0	.0	.0	.0	40.3	14.9	4.5	28.1	39.8	47	14
Monroe	14,510	6.9	.0	.0	.0	1.4	38.6	17.9	2.8	25.3	36.8	37	26
Montgomery	22,586	8.0	.0	.0	.9	.0	24.8	19.5	4.4	20.5	31.6	19	55
Morgan	27,029	13.3	2.2	.0	.0	.0	19.2	12.6	2.2	19.3	31.1	16	63
Moultrie	10,135	7.9	.0	.0	.0	.0	17.8	9.9	.0	12.7	20.6	1	99
Ogle	32,580	8.6	1.2	.0	.0	.0	45.4	12.9	4.9	28.7	41.4	51	11
Peoria	141,193	13.3	1.6	.4	.0	.0	11.6	17.1	6.2	18.7	31.1	15	68
Perry	15,373	7.8	1.3	.0	.0	.0	29.9	10.4	5.2	21.6	31.8	21	50
Piatt	11,499	7.0	.0	.0	.0	.0	17.4	15.7	1.7	14.1	22.7	2	97
Pike	13,031	3.1	3.1	.0	.0	.0	29.2	15.3	3.1	21.1	29.1	15	65
Pope	3,244	6.2	12.3	.0	.0	.0	30.8	24.7	.0	32.7	43.7	61	8
Pulaski	5,905	13.5	.0	.0	.0	.0	40.6	20.3	20.3	36.2	54.9	79	3
Putnam	4,347	4.6	.0	.0	.0	.0	23.0	.0	.0	11.5	16.6	0	102
Randolph	25,688	9.3	.8	.8	.0	.0	37.4	14.8	5.4	26.6	39.2	43	20
Richland	13,094	9.2	.0	1.5	.0	.0	15.3	15.3	4.6	16.9	26.9	7	85
Rock Island	120,117	11.5	1.5	.3	.0	.2	18.3	13.8	5.5	19.7	31.2	16	60
St. Clair	189,302	13.0	1.3	.7	.3	.1	22.7	11.7	28.7	33.2	49.5	70	5
Saline	20,292	15.8	2.0	.0	.0	.0	30.6	6.9	2.0	23.6	37.0	34	33
Sangamon	129,466	14.7	2.0	.3	.3	.0	20.1	14.4	7.3	23.4	37.2	34	32
Schuyler	5,705	7.0	.0	.0	.0	.0	28.0	10.5	7.0	20.1	29.9	15	66
Scott	4,403	.0	.0	.0	.0	.0	27.3	13.6	4.5	16.3	22.4	4	92
Shelby	16,719	3.6	1.2	.0	.0	.0	35.9	15.6	.0	20.8	29.4	15	64
Stark	4,825	.0	.0	.0	.0	.0	16.6	29.0	.0	12.8	19.5	1	100
Stephenson	35,254	7.9	.0	.0	.0	.0	22.1	9.1	2.8	15.7	24.4	4	91
Tazewell	93,273	6.9	.6	.0	.0	.2	25.1	10.3	2.4	17.4	26.0	7	86
Union	13,475	7.4	1.5	.0	.0	.0	50.5	13.4	8.9	32.6	45.9	64	7
Vermilion	67,282	11.9	1.5	.3	.0	.9	25.6	16.9	4.2	23.6	36.5	33	36
Wabash	9,942	8.0	2.0	.0	.0	.0	30.2	10.1	2.0	20.9	30.7	18	57
Warren	15,117	4.0	1.3	.0	.0	.0	25.1	21.2	4.0	19.6	28.8	13	73
Washington	10,677	9.4	.0	1.9	.0	.0	37.5	5.6	.0	22.6	32.7	24	44
Wayne	13,087	10.7	1.5	.0	.0	.0	42.8	13.8	7.6	30.2	44.3	58	9
White	13,027	3.1	.0	.0	.0	.0	35.3	15.4	4.6	21.3	30.3	17	58
Whiteside	45,820	11.3	.4	.0	.0	.0	33.6	16.6	1.3	23.1	36.0	31	37
Will	229,995	9.8	1.1	.4	.0	.5	26.3	14.2	10.5	24.9	37.3	37	25
Williamson	41,874	10.5	.5	.0	.5	.0	34.4	16.2	8.1	26.8	40.4	46	16
Winnebago	180,612	14.5	3.2	1.3	.0	.2	23.4	16.8	6.9	27.1	41.5	48	12
Woodford	22,726	5.3	.0	.9	.0	.0	34.3	11.4	.0	19.7	28.3	12	75
Indiana	3,956,181	11.3	1.9	.3	.1	.1	24.7	14.4	8.1	24.0	36.6	-	-
Adams	19,839	7.1	1.0	.0	.0	.0	39.3	10.1	.0	22.4	32.3	23	56
Allen	208,397	8.4	1.4	.6	.2	.1	25.8	14.8	6.1	22.5	33.4	25	51
Bartholomew	46,419	5.2	.9	.4	.0	.0	29.7	12.9	3.0	19.9	28.7	13	73
Benton	6,947	5.8	.0	.0	.0	.0	37.4	14.4	.0	21.0	30.6	18	66
Blackford	10,879	16.5	1.8	.0	.0	1.8	27.6	23.9	5.5	29.4	46.4	60	4

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Boone.............	26,285	3.8	1.5	0.0	0.0	0.0	16.0	13.7	3.8	14.3	21.1	2	89
Brown.............	8,912	4.5	2.2	.0	.0	.0	47.1	15.7	4.5	29.1	40.2	50	9
Carroll...........	13,811	8.7	.0	.0	.0	.0	33.3	14.5	2.9	21.8	33.1	24	55
Cass..............	28,897	10.4	2.1	.0	.0	.0	38.1	13.8	8.3	29.0	42.6	53	7
Clark.............	64,395	12.4	3.7	.3	.3	.0	24.5	13.7	7.1	25.8	38.8	41	20
Clay..............	17,478	8.0	1.1	.0	.0	.0	38.9	21.7	2.3	26.2	38.9	42	16
Clinton...........	21,772	13.8	.9	1.8	.0	.0	24.8	15.6	1.8	22.8	35.9	30	40
Crawford..........	6,940	11.5	5.8	.0	.0	.0	34.6	23.1	17.3	37.8	54.6	80	1
Daviess...........	19,501	12.3	1.0	.0	.0	.0	28.7	11.3	.0	20.4	32.1	19	64
Dearborn..........	24,757	17.0	1.6	.8	.0	.8	23.4	13.7	2.4	23.9	38.4	37	25
Decatur...........	16,412	7.3	1.2	.0	.0	.0	20.7	11.0	2.4	16.3	24.8	5	86
De Kalb...........	23,192	6.9	3.4	.0	.0	.0	35.4	9.5	2.6	24.2	33.9	29	41
Delaware..........	93,884	12.4	1.1	.6	.0	.0	20.0	15.3	8.5	22.3	35.2	29	42
Dubois............	24,542	13.9	.8	.8	.0	.0	39.9	15.5	.0	27.2	41.7	49	11
Elkhart...........	99,226	7.5	2.0	.2	.0	.2	27.6	12.1	4.6	21.7	31.6	21	59
Fayette...........	19,531	11.3	2.0	1.0	1.0	.0	26.6	21.5	1.0	24.7	37.5	37	26
Floyd.............	44,629	13.0	1.8	.0	.0	.4	18.8	17.9	8.5	23.1	36.6	32	34
Fountain..........	13,519	8.9	1.5	.0	.0	.0	31.1	14.8	5.9	23.9	35.6	32	35
Franklin..........	13,414	7.5	.0	.0	.0	.0	25.3	13.4	3.0	17.8	27.4	9	81
Fulton............	13,582	16.2	.0	.0	.0	.0	29.4	16.2	.0	22.2	37.0	31	37
Gibson............	24,006	9.2	.8	.0	.0	.0	33.3	10.8	.8	21.1	31.7	20	60
Grant.............	57,313	10.5	2.8	.0	.0	.0	27.2	15.4	5.9	24.4	36.6	35	28
Greene............	21,432	10.3	.0	.0	.0	.0	31.7	9.3	6.5	22.5	34.2	27	44
Hamilton..........	61,298	6.9	.0	.3	.0	.0	17.3	9.5	1.6	13.1	20.5	1	92
Hancock...........	31,119	7.7	.6	.0	.0	.0	23.8	9.0	3.2	17.1	26.0	6	83
Harrison..........	19,606	4.1	2.0	.0	1.0	.0	32.6	13.3	2.0	22.1	30.5	19	63
Hendricks.........	50,910	4.3	1.2	.0	.4	.4	22.4	17.7	2.0	17.6	25.7	7	82
Henry.............	36,713	9.8	.0	.0	.0	.0	33.2	21.2	7.6	25.8	39.7	42	15
Howard............	61,528	12.4	2.3	.3	.0	.0	25.0	14.3	4.6	23.2	35.8	31	39
Huntington........	24,673	4.1	1.6	.0	.0	.0	30.8	10.5	2.4	19.5	27.3	10	79
Jackson...........	25,807	8.5	1.5	.0	.0	.0	32.5	14.7	4.6	23.8	35.3	31	38
Jasper............	18,563	9.7	1.1	.0	.0	.0	30.2	6.5	2.2	20.0	30.0	15	71
Jay...............	16,070	2.5	.0	.0	.0	.0	34.8	16.2	2.5	20.1	28.4	13	74
Jefferson.........	21,920	12.8	1.8	.0	.9	.0	21.9	11.9	5.5	22.1	34.4	27	47
Jennings..........	16,246	9.8	.0	1.2	.0	.0	33.2	17.2	2.5	23.8	36.2	33	33
Johnson...........	56,351	7.5	1.8	.0	.4	.0	18.8	17.4	2.8	17.9	27.4	9	80
Knox..............	30,903	8.4	2.6	.6	.0	.0	23.3	8.4	3.2	19.7	28.8	13	75
Kosciusko.........	43,410	7.8	1.4	.5	.0	.0	32.7	10.1	2.8	22.1	32.1	22	58
Lagrange..........	17,483	8.0	.0	.0	.0	.0	43.5	12.6	4.6	26.2	38.2	40	21
Lake..............	366,931	19.9	.5	.2	.0	.1	21.5	11.7	27.5	33.3	53.1	75	2
La Porte..........	77,640	14.7	2.1	.0	.0	.0	31.4	15.5	5.4	26.9	41.8	48	12
Lawrence..........	30,029	12.0	2.0	.0	.0	.0	22.0	14.0	.7	19.3	30.6	15	72
Madison...........	98,341	13.0	2.0	.2	.4	.2	28.3	17.5	3.7	25.3	39.0	40	22
Marion............	568,468	14.1	5.5	.6	.1	.0	19.6	16.9	14.1	30.2	45.3	59	5
Marshall..........	28,053	7.8	1.4	.0	.0	.0	32.8	5.7	4.3	21.6	31.1	20	61
Martin............	7,845	7.6	.0	.0	.0	.0	25.5	28.0	5.1	21.8	34.4	26	50
Miami.............	27,362	6.6	2.2	.0	.0	.0	26.3	16.1	7.3	22.6	33.0	25	52
Monroe............	80,281	6.2	1.0	.0	.0	.0	13.7	14.0	2.5	13.3	20.9	1	91
Montgomery........	25,530	8.6	1.6	.0	.0	.0	21.2	16.5	2.4	18.4	28.6	11	78
Morgan............	37,216	12.4	1.6	.5	.0	.0	21.0	17.2	4.3	21.5	34.1	25	53
Newton............	9,793	12.3	.0	.0	.0	.0	42.9	12.3	4.1	27.4	41.5	49	10
Noble.............	24,826	9.7	.0	.0	.0	.0	26.6	16.9	4.0	20.4	32.1	19	62
Ohio..............	3,683	5.4	.0	.0	.0	.0	27.2	5.4	5.4	17.3	25.0	6	85
Orange............	13,390	10.5	.0	.0	.0	.0	34.4	10.5	6.0	23.6	35.8	32	36
Owen..............	11,484	3.5	.0	.0	.0	.0	29.6	13.9	1.7	17.5	25.3	6	84
Parke.............	11,474	5.2	.0	.0	.0	.0	36.6	13.9	1.7	21.1	30.6	18	65
Perry.............	13,579	14.7	2.9	.0	.0	.0	28.0	26.5	2.9	27.4	43.5	52	8
Pike..............	9,626	12.5	2.1	.0	.0	2.1	33.2	10.4	2.1	26.3	38.8	42	17
Porter............	86,910	7.6	.9	.2	.0	.0	27.4	14.3	3.0	20.0	30.1	15	70
Posey.............	18,570	10.8	2.2	.0	.0	.0	25.8	15.1	4.3	22.5	34.4	28	43

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Pulaski	9,060	11.0	0.0	0.0	0.0	0.0	44.2	6.6	2.2	25.4	37.8	39	23
Putnam	21,961	6.4	.0	.0	.0	.0	18.2	13.7	.9	13.4	21.3	1	90
Randolph	20,545	6.8	1.0	.0	.0	1.0	33.1	9.7	3.9	22.4	32.1	23	57
Ripley	16,917	11.8	.0	.0	.0	.0	30.7	7.1	1.2	19.7	30.9	16	68
Rush	13,264	7.5	1.5	1.5	.0	.0	28.6	16.6	3.0	22.9	33.4	26	49
St. Joseph	176,218	12.0	1.5	.1	.0	.0	18.8	12.1	9.5	21.3	33.6	24	54
Scott	14,370	2.8	4.2	.0	.0	.0	40.4	20.9	11.1	31.7	43.1	59	6
Shelby	28,079	19.2	2.1	.0	.0	.0	25.6	19.9	2.1	25.8	42.7	48	13
Spencer	14,088	7.1	2.8	1.4	.0	.0	38.3	11.4	5.7	28.2	39.2	46	14
Starke	14,836	10.8	1.3	.0	.0	.0	55.3	12.1	4.0	33.3	48.0	68	3
Steuben	18,118	8.8	2.2	.0	.0	2.2	34.2	11.0	1.1	25.1	35.7	35	30
Sullivan	14,580	9.6	1.4	.0	.0	.0	28.8	20.6	5.5	24.1	36.9	35	29
Switzerland	5,002	12.0	.0	.0	.0	.0	28.0	24.0	.0	21.5	35.1	27	45
Tippecanoe	96,678	7.9	1.2	.0	.0	.0	15.9	13.7	2.7	15.1	23.9	4	87
Tipton	11,723	3.4	.0	.0	.0	.0	32.4	18.8	1.7	19.6	28.5	12	76
Union	4,849	4.1	8.2	.0	.0	.0	33.0	16.5	.0	27.1	35.8	38	24
Vanderburgh	123,761	10.7	1.6	.2	.0	.0	15.7	16.5	7.1	19.4	30.9	15	69
Vermillion	12,619	15.8	.0	.0	1.6	.0	26.9	19.0	3.2	24.7	40.0	41	19
Vigo	82,274	13.1	1.0	.0	.0	.0	24.6	16.3	7.3	23.4	37.1	34	31
Wabash	25,539	8.6	.8	.0	.0	.0	36.0	11.0	2.3	22.7	33.6	26	48
Warren	6,324	12.6	.0	.0	.0	.0	28.5	6.3	.0	18.4	29.4	12	77
Warrick	30,512	9.8	.7	.0	.7	.0	27.5	11.8	2.0	20.2	30.9	17	67
Washington	15,267	9.2	.0	.0	.0	.0	38.0	13.1	5.2	24.8	37.0	36	27
Wayne	53,672	10.4	.7	.4	.0	.7	26.1	12.7	6.0	22.4	34.1	27	46
Wells	17,460	4.6	.0	.0	.0	.0	21.8	13.7	1.1	14.3	21.7	2	88
White	16,563	9.7	2.4	.0	.0	.0	39.8	15.7	.0	26.3	38.5	41	18
Whitley	18,356	5.4	1.1	.0	.0	.0	40.3	10.9	5.4	25.0	35.1	33	32
Iowa	2,068,807	8.9	1.5	.3	.2	.0	24.1	14.2	2.9	20.0	30.4	-	-
Adair	6,355	9.4	3.1	.0	.0	.0	28.3	9.4	.0	20.8	30.6	17	50
Adams	3,923	5.1	5.1	.0	.0	.0	10.2	15.3	5.1	16.9	24.3	5	84
Allamakee	10,475	7.6	1.9	1.9	.0	.0	40.1	17.2	1.9	28.1	39.9	47	9
Appanoose	10,342	11.6	1.9	.0	.0	.0	19.3	21.3	3.9	20.9	33.6	23	36
Audubon	5,785	3.5	3.5	.0	.0	.0	44.9	10.4	.0	25.8	34.4	33	19
Benton	16,129	6.2	1.2	.0	.0	.0	29.8	11.2	.0	18.5	27.0	9	70
Black Hawk	98,694	6.3	1.6	.6	.0	.0	19.7	14.6	3.2	17.5	26.1	7	79
Boone	18,517	7.6	2.2	.0	.0	.0	22.7	13.0	5.4	19.9	29.6	14	55
Bremer	17,347	8.1	1.2	.0	.0	.0	20.8	13.8	.0	15.9	24.9	5	86
Buchanan	15,424	6.5	1.3	.0	.0	.0	24.6	16.9	1.3	18.3	27.6	9	66
Buena Vista	14,634	10.9	1.4	.0	.0	.0	26.0	15.0	2.7	21.0	32.8	22	40
Butler	12,001	8.3	.0	.0	.0	.0	26.7	10.0	1.7	17.4	26.8	7	77
Calhoun	9,050	6.6	2.2	.0	2.2	.0	37.6	8.8	.0	24.7	33.9	30	22
Carroll	15,476	10.3	1.3	.0	.0	.0	24.6	11.6	2.6	19.4	30.1	14	56
Cass	11,711	13.7	.0	.0	1.7	.0	32.4	12.0	.0	23.3	36.3	32	20
Cedar	13,306	3.0	.0	.0	.0	.0	28.6	12.0	.0	15.6	22.4	3	91
Cerro Gordo	35,325	10.2	1.1	.6	.6	.0	16.4	11.9	1.1	16.2	25.8	6	81
Cherokee	11,233	8.9	1.8	.0	.0	.0	30.3	8.9	1.8	20.8	30.7	17	49
Chickasaw	10,638	7.5	3.8	1.9	.0	.0	24.4	7.5	.0	20.5	28.5	13	57
Clarke	6,017	6.6	.0	.0	.0	.0	19.9	6.6	.0	12.4	19.3	1	96
Clay	13,623	2.9	.0	.0	.0	.0	30.8	11.7	.0	16.5	23.5	4	89
Clayton	14,504	12.4	.0	.0	.0	.0	42.7	16.5	.0	26.4	40.6	45	12
Clinton	39,825	10.0	.5	.5	.0	.0	20.6	14.6	2.0	17.6	28.1	9	68
Crawford	13,175	6.1	1.5	.0	.0	.0	36.4	18.2	.0	23.0	33.3	26	27
Dallas	20,669	12.6	1.0	1.0	.0	.0	27.1	14.5	1.0	21.8	34.2	26	29
Davis	6,299	.0	3.2	.0	.0	.0	28.6	12.7	3.2	19.2	25.1	8	76
Decatur	6,651	3.0	.0	.0	3.0	.0	39.1	6.0	3.0	23.3	30.7	22	37
Delaware	12,900	4.7	1.6	.0	.0	.0	27.9	15.5	.0	18.3	26.5	8	73
Des Moines	32,086	11.8	1.9	.0	.0	.0	24.9	12.5	5.0	22.0	34.1	26	28
Dickinson	11,124	16.2	.0	.0	.0	.0	18.0	14.4	.0	17.1	30.2	11	61

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
										Range of Rates		Rank in U.S. (Percentile)	Rank in State
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Minimum	Maximum		
Dubuque..........	65,147	12.3	2.1	0.0	0.6	0.0	23.6	12.0	1.8	21.0	32.6	21	42
Emmet............	8,965	6.7	4.5	2.2	.0	.0	33.5	26.8	4.5	30.9	43.5	58	5
Fayette..........	17,172	8.2	2.3	.0	.0	.0	23.3	10.5	.0	17.6	26.3	7	78
Floyd............	13,484	5.9	1.5	.0	1.5	.0	28.2	8.9	.0	19.0	26.8	9	67
Franklin.........	8,900	4.5	.0	.0	.0	.0	22.5	6.7	4.5	14.7	21.6	2	94
Fremont..........	6,455	9.3	.0	3.1	.0	.0	31.0	9.3	9.3	26.1	37.7	39	15
Greene...........	8,178	7.3	.0	.0	.0	.0	39.1	24.5	.0	24.3	36.8	35	17
Grundy...........	9,795	8.2	.0	.0	.0	.0	22.5	16.3	.0	16.0	25.7	6	82
Guthrie..........	7,943	17.6	.0	.0	.0	.0	32.7	27.7	.0	26.5	44.3	52	7
Hamilton.........	12,480	6.4	.0	.0	.0	.0	24.0	9.6	1.6	15.4	23.4	4	90
Hancock..........	9,443	10.6	.0	.0	.0	.0	23.3	8.5	4.2	17.8	28.3	10	64
Hardin...........	15,331	5.2	.0	1.3	.0	.0	26.1	10.4	.0	16.5	24.0	5	88
Harrison.........	11,087	10.8	.0	.0	.0	.0	34.3	5.4	1.8	20.8	31.6	19	48
Henry............	13,248	3.0	.0	.0	.0	.0	19.6	21.1	9.1	18.0	26.9	8	71
Howard...........	7,599	10.5	10.5	.0	2.6	.0	31.6	13.2	5.3	35.8	48.1	72	3
Humboldt.........	8,469	11.8	2.4	.0	.0	.0	16.5	16.5	.0	17.5	28.5	10	65
Ida..............	6,061	9.9	3.3	.0	.0	.0	26.4	16.5	.0	21.7	32.8	23	35
Iowa.............	10,825	7.4	.0	1.8	.0	.0	24.0	7.4	.0	16.4	24.3	5	87
Jackson..........	15,186	9.2	1.3	.0	.0	.0	36.9	17.1	6.6	27.1	40.2	46	11
Jasper...........	25,558	11.7	.8	.0	.0	.8	24.3	15.7	3.9	21.5	33.9	24	33
Jefferson........	11,990	3.3	1.7	.0	.0	.0	28.4	11.7	.0	17.3	24.2	5	83
Johnson..........	66,731	3.3	.6	.0	.0	.0	16.5	12.9	2.4	12.6	18.8	1	97
Jones............	14,326	7.0	1.4	.0	.0	.0	36.3	12.6	1.4	22.7	32.8	24	32
Keokuk...........	8,749	9.1	2.3	.0	.0	.0	68.6	16.0	.0	38.0	53.2	79	1
Kossuth..........	14,655	9.6	1.4	.0	.0	.0	23.2	12.3	.0	17.5	27.3	8	74
Lee..............	30,116	12.0	1.3	.0	.0	.0	29.2	17.3	4.0	23.8	37.1	35	18
Linn.............	122,998	9.1	1.0	.3	.5	.0	15.6	11.4	3.3	15.9	25.0	5	85
Louisa...........	8,462	7.1	.0	.0	.0	.0	21.3	14.2	.0	14.7	23.3	3	92
Lucas............	7,146	5.6	2.8	.0	.0	.0	22.4	16.8	2.8	19.2	28.0	11	62
Lyon.............	8,515	2.3	.0	.0	.0	.0	35.2	28.2	.0	21.4	31.3	20	46
Madison..........	8,466	2.4	.0	2.4	.0	2.4	23.6	9.4	4.7	19.7	26.0	9	69
Mahaska..........	16,064	5.0	1.2	2.5	.0	.0	29.9	14.9	2.5	22.5	31.4	22	38
Marion...........	20,833	7.7	3.8	.0	.0	.0	18.2	20.2	1.0	19.1	28.9	12	59
Marshall.........	29,878	12.7	2.0	.7	.7	.0	23.4	15.4	1.3	22.1	34.4	27	26
Mills............	9,410	4.3	.0	2.1	.0	.0	23.4	8.5	.0	15.4	21.7	3	93
Mitchell.........	8,190	9.8	2.4	.0	.0	.0	24.4	22.0	.0	21.1	32.8	22	39
Monona...........	8,050	12.4	2.5	.0	.0	.0	39.7	12.4	.0	26.8	39.9	45	13
Monroe...........	6,256	9.6	.0	.0	.0	.0	51.1	12.8	12.8	34.0	49.1	71	4
Montgomery.......	9,245	13.0	.0	.0	.0	.0	15.1	21.6	.0	16.0	28.4	8	75
Muscatine........	28,528	11.9	2.8	.0	.0	.0	35.1	11.9	4.9	27.1	40.3	46	10
O'Brien..........	11,647	13.7	.0	1.7	.0	.0	27.5	5.2	1.7	20.7	32.3	20	44
Osceola..........	5,694	3.5	3.5	.0	.0	.0	28.1	10.5	3.5	20.5	27.9	13	58
Page.............	13,027	6.1	1.5	1.5	.0	.0	29.2	6.1	6.1	22.0	30.6	19	47
Palo Alto........	8,654	4.6	4.6	4.6	2.3	.0	39.3	6.9	2.3	32.4	40.8	56	6
Plymouth.........	16,918	5.9	.0	.0	.0	.0	36.6	8.3	.0	19.5	28.1	11	60
Pocahontas.......	7,755	2.6	.0	.0	.0	.0	20.6	12.9	.0	12.3	18.2	1	98
Polk.............	227,266	11.7	2.3	.4	.0	.0	20.2	17.0	6.2	22.3	34.8	28	24
Pottawattamie....	61,988	11.0	2.3	.6	.0	.0	16.1	16.8	3.9	19.4	30.6	15	54
Poweshiek........	13,730	2.9	2.9	.0	.0	.0	30.6	13.1	5.8	22.3	30.5	20	45
Ringgold.........	4,192	.0	.0	.0	.0	.0	47.7	14.3	4.8	25.1	33.6	30	21
Sac..............	9,354	8.6	2.1	.0	.0	.0	34.2	10.7	2.1	23.2	33.7	27	25
Scott............	114,341	10.8	1.9	.3	.0	.0	18.7	20.5	5.8	21.4	33.8	24	34
Shelby...........	10,247	5.9	.0	.0	.0	.0	37.1	13.7	.0	20.7	30.3	16	51
Sioux............	21,099	2.8	.0	.0	.0	.0	24.6	8.5	.9	13.7	19.5	1	95
Story............	57,759	2.8	1.7	.0	.0	.0	12.8	8.0	.7	10.2	14.5	0	99
Tama.............	13,383	14.9	.0	1.5	1.5	.0	41.8	22.4	6.0	34.0	51.5	73	2
Taylor...........	5,660	7.1	.0	.0	.0	.0	28.3	24.7	10.6	24.7	37.6	37	16
Union............	9,453	6.3	.0	.0	.0	.0	21.2	21.2	2.1	16.7	26.4	7	80
Van Buren........	5,796	6.9	3.5	.0	.0	.0	20.7	31.1	3.5	22.8	34.7	29	23
Wapello..........	28,523	9.1	.7	.0	.7	.0	21.7	14.7	2.1	18.2	28.4	10	63

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Warren	24,521	5.7	0.8	0.0	0.0	0.0	26.1	15.5	1.6	18.0	26.9	8	72
Washington	13,829	5.8	1.4	.0	1.4	.0	34.7	13.0	1.4	23.1	32.5	25	31
Wayne	5,469	3.7	.0	.0	.0	.0	36.6	11.0	3.7	20.8	29.3	15	53
Webster	31,969	14.4	1.3	.0	.0	.0	40.0	13.8	2.5	27.9	42.8	52	8
Winnebago	9,285	4.3	.0	.0	.0	.0	47.4	8.6	.0	23.4	32.4	25	30
Winneshiek	15,745	11.4	2.5	.0	.0	.0	25.4	15.2	.0	20.9	32.5	21	43
Woodbury	70,814	11.0	2.0	.6	.3	.0	20.1	13.3	2.8	19.7	30.6	16	52
Worth	6,257	19.2	3.2	.0	.0	.0	12.8	9.6	3.2	19.8	33.8	22	41
Wright	11,259	17.8	.0	.0	.0	.0	35.5	10.7	.0	24.3	39.6	40	14
Kansas	1,733,656	9.3	1.9	.4	.2	.1	27.0	15.0	6.6	23.8	35.4	-	-
Allen	10,802	11.1	5.6	1.9	.0	.0	38.9	14.8	1.9	32.1	45.2	62	25
Anderson	5,873	6.8	3.4	.0	.0	.0	61.3	10.2	3.4	35.6	48.3	72	14
Atchison	12,881	3.1	3.1	1.6	.0	.0	41.9	14.0	10.9	31.4	42.0	57	31
Barber	4,800	25.0	.0	.0	.0	.0	41.7	16.7	.0	31.1	52.0	70	15
Barton	23,169	10.4	.0	.0	.0	.0	45.8	21.6	2.6	29.0	43.7	55	36
Bourbon	11,042	7.2	.0	1.8	.0	.0	34.4	7.2	3.6	22.4	31.9	23	69
Brown	7,831	12.8	2.6	.0	.0	.0	33.2	10.2	5.1	26.2	39.3	42	50
Butler	32,356	13.0	.6	.0	.6	.0	35.9	16.1	4.9	27.2	41.7	49	43
Chase	2,278	.0	.0	.0	.0	.0	61.5	.0	8.8	29.9	38.2	47	44
Chautauqua	3,421	17.5	.0	.0	.0	.0	23.4	23.4	11.7	27.2	45.2	55	38
Cherokee	15,700	15.3	1.3	.0	.0	.0	35.7	11.5	6.4	27.8	43.0	52	39
Cheyenne	2,615	22.9	7.6	.0	.0	.0	15.3	30.6	.0	29.6	48.9	64	22
Clark	1,837	.0	.0	.0	.0	.0	32.7	10.9	.0	15.9	21.3	3	99
Clay	6,594	18.2	3.0	.0	3.0	.0	36.4	3.0	.0	29.4	43.8	56	33
Cloud	8,506	7.1	4.7	.0	.0	.0	44.7	16.5	4.7	31.9	44.2	60	30
Coffey	6,504	9.2	.0	.0	.0	.0	30.8	18.5	.0	20.4	31.9	19	76
Comanche	1,750	.0	.0	.0	.0	.0	22.9	11.4	22.9	22.6	31.0	21	70
Cowley	25,933	13.9	1.5	.0	.8	.0	27.8	10.0	3.1	23.1	35.9	31	60
Crawford	27,549	14.5	2.9	.0	.0	.0	27.6	14.5	8.7	27.4	42.3	50	41
Decatur	3,104	12.9	.0	.0	.0	.0	38.7	38.7	.0	29.3	47.0	60	27
Dickinson	13,820	7.2	1.4	.0	.0	.0	26.0	10.1	2.9	18.7	27.7	10	89
Doniphan	6,329	9.5	3.2	.0	.0	.0	19.0	9.5	6.3	19.9	29.8	14	80
Douglas	55,026	4.7	.7	.0	.0	.0	16.0	7.6	2.5	12.1	18.1	1	102
Edwards	2,948	27.1	6.8	.0	.0	.0	47.5	.0	6.8	41.0	62.1	87	3
Elk	2,596	23.1	15.4	.0	.0	.0	15.4	7.7	7.7	36.5	53.3	78	9
Ellis	20,170	8.9	2.0	1.0	2.0	.0	16.9	14.9	1.0	19.1	28.5	12	83
Ellsworth	4,492	4.5	4.5	.0	.0	.0	17.8	26.7	.0	19.1	28.0	11	85
Finney	18,589	15.1	5.4	.0	1.1	.0	36.6	15.1	7.5	34.5	50.5	73	10
Ford	17,882	13.4	3.4	.0	1.1	.0	30.2	24.6	10.1	32.3	48.8	68	19
Franklin	15,527	7.7	1.3	.0	.0	.0	34.8	14.2	2.6	23.1	34.0	28	64
Geary	24,288	9.1	.8	.0	.0	.0	45.3	14.8	11.5	31.9	46.3	63	23
Gove	2,503	8.0	.0	.0	.0	.0	63.9	8.0	8.0	35.5	49.5	73	11
Graham	2,839	14.1	.0	.0	.0	.0	35.2	35.2	7.0	30.9	49.6	67	20
Grant	4,830	8.3	.0	.0	.0	.0	20.7	16.6	8.3	19.3	30.3	14	81
Gray	3,611	22.2	.0	.0	.0	.0	38.8	5.5	5.5	29.1	47.2	60	28
Greeley	1,296	46.3	30.9	.0	.0	.0	15.4	15.4	.0	59.4	88.8	98	1
Greenwood	5,911	10.2	3.4	.0	.0	.0	33.8	16.9	3.4	26.7	39.4	44	47
Hamilton	1,776	.0	.0	.0	.0	.0	78.8	22.5	11.3	42.9	57.3	86	5
Harper	5,306	3.8	7.5	.0	.0	.0	56.5	3.8	.0	33.6	42.5	60	29
Harvey	21,622	10.2	1.8	.0	.0	.0	32.4	4.6	4.6	22.7	33.3	26	67
Haskell	2,739	7.3	.0	.0	.0	.0	14.6	.0	.0	9.1	14.7	0	105
Hodgeman	1,653	.0	.0	.0	.0	.0	48.4	.0	.0	20.3	25.6	10	90
Jackson	7,995	5.0	.0	.0	.0	.0	57.5	17.5	5.0	32.1	44.9	61	26
Jefferson	10,897	.0	1.8	.0	.0	.0	44.0	18.4	7.3	27.5	36.7	40	53
Jewell	3,473	.0	.0	.0	.0	.0	34.6	5.8	.0	15.7	20.4	2	100
Johnson	210,634	5.7	1.3	.6	.1	.0	19.1	16.6	3.8	17.5	26.1	7	93
Kearny	2,505	16.0	.0	.0	.0	.0	31.9	8.0	.0	21.6	35.0	27	65

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Kingman	6,253	12.8	0.0	0.0	0.0	0.0	41.6	16.0	0.0	25.9	40.1	43	48
Kiowa	2,783	.0	14.4	.0	.0	.0	21.6	.0	.0	23.4	25.8	14	82
Labette	17,745	10.1	1.1	1.1	.0	.0	30.4	16.9	3.4	24.2	36.4	34	59
Lane	1,719	11.6	.0	.0	.0	.0	46.5	23.3	.0	29.0	44.3	57	32
Leavenworth	40,854	13.2	4.9	1.0	1.0	.0	17.1	12.7	6.4	25.0	37.3	37	55
Lincoln	2,689	7.4	.0	.0	.0	.0	44.6	.0	.0	21.8	30.7	19	74
Linn	5,696	7.0	.0	.0	.0	.0	45.6	3.5	.0	22.8	32.2	23	68
Logan	2,416	8.3	16.6	.0	.0	.0	49.7	8.3	.0	42.5	53.8	83	7
Lyon	26,487	5.3	1.5	.0	.0	.0	29.4	9.1	2.3	18.9	26.9	9	92
McPherson	19,701	4.1	1.0	.0	.0	.0	23.3	10.2	.0	14.5	21.0	2	101
Marion	9,412	2.1	2.1	.0	.0	.0	34.0	8.5	6.4	22.0	29.4	17	78
Marshall	9,124	6.6	4.4	.0	.0	.0	32.9	6.6	.0	22.2	30.5	20	72
Meade	3,296	12.1	.0	.0	.0	.0	60.7	6.1	6.1	34.5	49.8	72	13
Miami	15,329	5.2	1.3	1.3	.0	.0	43.1	17.0	2.6	27.5	38.3	43	49
Mitchell	5,550	10.8	3.6	.0	.0	.0	21.6	7.2	.0	18.6	28.0	10	87
Montgomery	29,408	17.0	.7	.0	.0	.0	27.2	10.2	8.2	25.0	40.2	42	52
Morris	4,456	9.0	.0	.0	.0	.0	49.4	4.5	.0	25.3	36.4	36	57
Morton	2,412	8.3	8.3	.0	.0	.0	99.5	.0	16.6	61.3	79.5	97	2
Nemaha	7,418	5.4	2.7	.0	.0	.0	13.5	13.5	5.4	15.8	23.4	4	98
Neosho	13,310	.0	1.5	.0	.0	.0	37.6	12.0	1.5	20.4	26.8	11	84
Ness	3,216	.0	6.2	.0	.0	.0	31.1	18.7	.0	23.0	29.6	20	73
Norton	4,671	.0	12.8	.0	.0	4.3	34.3	21.4	.0	35.8	43.2	65	21
Osage	10,821	9.2	3.7	.0	.0	.0	38.8	18.5	9.2	31.8	45.8	63	24
Osborne	3,848	5.2	.0	5.2	.0	.0	36.4	36.4	.0	29.9	42.9	55	35
Ottawa	4,173	4.8	4.8	.0	.0	.0	28.8	14.4	.0	21.7	29.9	18	77
Pawnee	6,010	3.3	3.3	.0	.0	.0	26.6	10.0	.0	17.9	24.3	6	95
Phillips	5,087	.0	.0	.0	3.9	.0	19.7	19.7	3.9	18.0	24.1	6	96
Pottawatomie	10,657	9.4	1.9	.0	.0	.0	24.4	16.9	3.8	21.1	32.4	21	71
Pratt	7,607	5.3	2.6	2.6	.0	.0	34.2	13.1	10.5	29.3	40.0	50	42
Rawlins	2,687	14.9	.0	.0	.0	.0	59.6	37.2	.0	38.6	59.5	84	6
Reno	46,538	10.7	1.3	.0	.0	.0	24.5	16.8	5.6	22.0	34.3	26	66
Republic	5,092	3.9	3.9	.0	3.9	.0	19.6	23.6	3.9	24.3	33.2	29	62
Rice	8,407	16.7	4.8	.0	.0	.0	40.4	14.3	2.4	32.5	48.8	68	18
Riley	50,461	3.2	.4	.4	.0	.0	13.5	7.1	2.8	10.5	15.4	0	103
Rooks	4,737	16.9	4.2	.0	.0	.0	54.9	29.6	.0	40.1	60.3	86	4
Rush	3,140	12.7	.0	.0	.0	.0	19.1	25.5	.0	18.3	31.7	15	79
Russell	6,437	15.5	.0	.0	.0	.0	12.4	18.6	3.1	16.8	30.2	11	86
Saline	36,203	7.2	2.8	.6	.0	.6	17.7	14.9	3.3	18.8	27.7	10	88
Scott	4,003	5.0	5.0	.0	.0	.0	45.0	10.0	.0	27.9	37.3	42	51
Sedgwick	275,844	9.9	1.5	.4	.2	.5	23.1	16.5	9.7	24.2	36.5	34	58
Seward	12,729	14.1	4.7	.0	.0	.0	44.0	12.6	15.7	38.9	56.2	82	8
Shawnee	114,738	10.5	1.7	.5	.3	.0	20.0	19.2	7.1	22.5	34.8	29	63
Sheridan	2,262	8.8	.0	.0	.0	.0	26.5	8.8	.0	16.5	25.7	6	94
Sherman	5,537	18.1	3.6	.0	.0	.0	32.5	18.1	.0	28.3	44.7	56	34
Smith	3,959	.0	.0	.0	.0	.0	50.5	15.2	10.1	29.0	38.8	47	45
Stafford	3,960	.0	.0	.0	.0	.0	25.3	.0	.0	10.6	13.4	0	104
Stanton	1,670	12.0	.0	.0	.0	.0	24.0	12.0	.0	17.4	28.5	10	91
Stevens	3,269	18.4	6.1	.0	.0	.0	42.8	12.2	.0	34.1	50.8	72	12
Sumner	17,385	12.7	3.5	.0	.0	.0	38.0	19.6	1.2	29.0	43.6	55	37
Thomas	6,109	16.4	6.5	.0	.0	.0	16.4	16.4	6.5	26.5	41.0	46	46
Trego	2,880	.0	.0	.0	.0	.0	48.6	13.9	6.9	26.5	35.3	36	56
Wabaunsee	4,727	8.5	.0	.0	.0	.0	38.1	8.5	.0	21.2	31.4	19	75
Wallace	1,376	.0	.0	.0	.0	.0	43.6	29.1	.0	24.1	33.9	29	61
Washington	5,528	10.9	.0	.0	.0	.0	18.1	14.5	.0	14.9	25.3	4	97
Wichita	2,099	9.5	.0	.0	.0	.0	66.7	9.5	.0	33.8	47.9	69	17
Wilson	8,310	7.2	.0	.0	.0	.0	38.5	24.1	2.4	25.1	37.7	38	54
Woodson	3,242	18.5	6.2	.0	.0	.0	30.8	6.2	.0	27.9	42.4	51	40
Wyandotte	122,379	12.4	1.5	1.0	.2	.2	25.8	17.7	22.4	32.8	49.1	69	16

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Kentucky	2,665,915	11.5	2.7	0.5	0.2	0.2	26.4	16.4	10.1	27.4	41.1	-	-
Adair	11,193	10.7	1.8	.0	.0	.0	26.8	8.9	7.1	22.6	34.1	27	96
Allen	10,251	5.9	.0	.0	.0	.0	35.1	9.8	5.9	21.9	31.5	21	103
Anderson	9,161	15.3	.0	.0	.0	.0	28.4	17.5	6.5	24.8	40.2	42	70
Ballard	5,989	6.7	.0	.0	.0	.0	56.8	26.7	3.3	33.5	48.5	69	22
Barren	24,812	10.5	.8	.8	.0	.8	25.0	12.1	9.7	24.2	36.3	33	84
Bath	7,160	5.6	.0	.0	.0	.0	25.1	11.2	11.2	20.3	29.9	15	112
Bell	24,195	15.7	1.7	.8	.0	.8	38.0	16.5	20.7	38.7	57.7	83	8
Boone	33,901	10.0	2.9	.6	.0	.0	33.6	14.2	.0	24.6	36.1	34	82
Bourbon	13,505	8.9	.0	.0	.0	.0	38.5	20.7	8.9	28.1	42.2	51	52
Boyd	40,251	11.9	2.5	1.0	.0	.0	22.9	8.9	5.0	22.1	33.4	24	101
Boyle	18,140	6.6	4.4	1.1	.0	.0	34.2	24.3	8.8	31.6	44.5	60	38
Bracken	5,480	3.6	3.6	.0	.0	.0	36.5	40.1	.0	28.5	41.3	51	55
Breathitt	11,510	7.0	3.5	.0	1.7	1.7	46.9	17.4	22.6	43.6	59.3	87	5
Breckinridge	11,989	5.0	1.7	.0	.0	.0	45.0	10.0	6.7	27.8	38.3	44	65
Bullitt	30,460	10.5	.0	.0	.0	.7	32.2	15.8	5.3	24.1	36.9	35	80
8utler	7,899	7.6	.0	.0	.0	.0	30.4	17.7	2.5	20.6	31.5	18	107
Caldwell	9,657	8.3	2.1	.0	.0	.0	41.4	16.6	22.8	36.9	52.6	78	15
Calloway	23,023	6.9	.0	.0	.0	.0	22.6	14.8	4.3	17.3	26.8	7	117
Campbell	58,847	15.3	2.0	.7	.0	.0	15.6	15.3	5.8	21.3	34.9	26	98
Carlisle	3,739	21.4	5.3	.0	.0	.0	58.8	21.4	.0	43.1	64.8	90	4
Carroll	6,803	14.7	8.8	.0	.0	.0	32.3	23.5	17.6	41.4	59.9	86	6
Carter	17,666	9.1	1.1	.0	1.1	.0	30.6	13.6	12.5	27.4	40.1	46	61
Casey	10,566	1.9	1.9	.0	.0	.0	43.5	15.1	5.7	26.7	36.0	38	76
Christian	48,504	8.7	2.1	1.2	.4	.0	29.3	13.2	12.4	28.0	40.3	48	59
Clark	20,480	13.7	.0	.0	1.0	.0	22.5	17.6	4.9	21.8	35.5	28	93
Clay	15,869	5.0	1.3	.0	.0	.0	39.1	6.3	29.0	34.6	47.6	69	20
Clinton	6,918	2.9	.0	.0	.0	.0	37.6	2.9	5.8	20.3	27.4	12	113
Crittenden	6,474	9.3	.0	.0	.0	.0	30.9	9.3	3.1	20.1	30.6	16	109
Cumberland	5,256	11.4	.0	.0	.0	.0	49.5	41.9	7.6	37.4	57.4	82	9
Daviess	62,684	17.2	1.9	.3	.3	.0	18.5	17.2	5.1	23.2	38.4	36	78
Edmonson	7,468	5.4	.0	.0	.0	.0	42.8	10.7	5.4	24.9	35.2	33	86
Elliott	4,663	8.6	4.3	4.3	8.6	.0	42.9	4.3	17.2	47.6	60.6	90	3
Estill	10,305	7.8	1.9	.0	.0	.0	25.2	13.6	11.6	23.9	35.2	31	89
Fayette	161,319	11.5	7.6	.6	.2	.1	14.9	17.5	7.4	26.5	38.6	42	69
Fleming	8,608	4.6	.0	.0	.0	.0	60.4	23.2	4.6	34.1	48.0	69	21
Floyd	34,668	9.2	1.7	.6	.0	.6	34.6	17.3	12.1	30.4	44.2	58	40
Franklin	31,775	15.7	.6	.0	.6	.0	18.3	13.8	6.9	21.4	35.4	27	94
Fulton	5,911	6.8	3.4	.0	.0	.0	23.7	20.3	16.9	28.1	40.7	49	58
Gallatin	3,434	17.5	.0	.0	.0	.0	23.3	34.9	.0	23.9	41.9	43	68
Garrard	8,066	17.4	.0	.0	.0	.0	19.8	29.8	12.4	27.2	45.9	56	46
Grant	9,269	8.6	2.2	.0	.0	.0	23.7	17.3	6.5	22.2	33.5	25	100
Graves	24,067	10.0	1.7	.0	.0	.0	33.2	22.4	5.0	26.5	40.2	45	63
Grayson	15,037	.0	1.3	.0	.0	.0	39.9	12.0	2.7	21.7	28.6	16	110
Green	7,923	10.1	2.5	.0	.0	.0	27.8	15.1	5.0	23.7	35.7	31	87
Greenup	27,603	10.1	.7	.0	.0	.0	21.7	13.0	7.2	20.0	31.3	17	108
Hancock	5,500	7.3	.0	.0	.0	.0	36.4	7.3	3.6	21.4	31.2	20	105
Hardin	68,845	8.1	1.5	.3	.3	.3	24.4	13.4	9.9	23.2	34.3	29	92
Harlan	28,918	13.8	6.9	1.4	.7	.0	29.7	15.9	18.0	38.8	55.3	82	10
Harrison	10,926	18.3	.0	.0	.0	.0	23.8	25.6	7.3	26.1	44.2	51	53
Hart	10,877	12.9	1.8	1.8	.0	.0	47.8	22.1	5.5	36.0	52.9	78	16
Henderson	29,634	12.1	3.4	1.3	2.0	.0	29.7	14.2	3.4	28.6	41.4	51	54
Henry	9,522	8.4	.0	.0	.0	.0	31.5	14.7	10.5	24.6	36.8	35	79
Hickman	4,180	4.8	.0	.0	.0	.0	52.6	19.1	23.9	39.1	54.8	82	11
Hopkins	33,193	10.2	4.2	1.8	.0	.0	27.1	19.9	9.6	30.1	43.7	57	43
Jackson	8,234	12.1	2.4	2.4	.0	.0	41.3	17.0	14.6	37.4	53.9	79	14
Jefferson	506,087	17.3	4.2	.5	.2	.2	16.7	16.8	13.2	28.7	45.0	57	44
Jessamine	20,073	7.0	.0	.0	1.0	.0	31.9	10.0	8.0	23.0	33.3	26	97
Johnson	17,786	7.9	1.1	.0	.0	.0	31.5	15.7	7.9	24.4	36.2	34	83

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Kenton	97,667	18.6	2.5	1.6	0.2	0.0	20.1	18.8	6.3	27.1	43.7	52	50
Knott	12,325	3.2	1.6	.0	.0	3.2	38.9	17.9	14.6	33.0	44.5	62	35
Knox	20,735	8.7	1.9	2.9	.0	.0	28.0	18.3	22.2	34.2	48.9	70	19
Larue	8,415	11.9	4.8	.0	.0	.0	26.1	16.6	7.1	27.3	40.6	47	60
Laurel	28,241	6.4	.7	.0	.0	.7	24.1	13.5	12.7	22.8	33.4	26	99
Lawrence	9,767	8.2	.0	2.0	.0	.0	24.6	22.5	6.1	23.1	35.1	30	91
Lee	5,340	7.5	.0	3.7	.0	.0	48.7	30.0	33.7	49.1	69.3	94	1
Leslie	10,303	9.7	3.9	.0	.0	.0	29.1	11.6	33.0	37.9	54.0	80	13
Letcher	20,990	8.6	2.9	.0	1.9	1.0	29.5	18.1	14.3	32.0	45.4	62	37
Lewis	9,850	12.2	.0	.0	.0	.0	36.5	20.3	6.1	27.3	42.4	50	56
Lincoln	13,264	6.0	6.0	1.5	.0	.0	33.2	18.1	13.6	33.9	46.2	66	29
Livingston	6,844	14.6	.0	.0	.0	.0	17.5	26.3	20.5	28.2	46.0	58	41
Logan	17,700	12.4	.0	.0	.0	.0	33.9	4.5	4.5	22.4	34.3	27	95
Lyon	5,035	.0	.0	.0	.0	.0	11.9	19.9	15.9	16.4	23.8	5	119
McCracken	44,553	12.1	1.8	.0	.0	.0	20.2	23.3	13.0	26.0	41.0	45	62
McCreary	10,853	12.9	1.8	3.7	.0	.0	36.9	31.3	5.5	35.2	52.4	76	17
McLean	7,132	14.0	5.6	.0	.0	.0	30.8	11.2	.0	26.6	39.4	43	67
Madison	41,478	4.3	.5	.5	.0	1.0	18.3	14.5	8.2	18.1	26.4	8	116
Magoffin	9,289	4.3	.0	.0	.0	.0	40.9	6.5	12.9	26.3	36.4	38	75
Marion	12,299	8.1	3.3	.0	1.6	.0	29.3	8.1	14.6	29.0	40.5	50	57
Marshall	19,151	14.6	.0	.0	1.0	.0	28.2	26.1	6.3	27.0	43.5	52	51
Martin	9,332	8.6	.0	.0	.0	.0	47.1	15.0	12.9	32.4	46.9	65	34
Mason	12,597	12.7	4.8	.0	.0	.0	39.7	17.5	6.4	33.1	48.4	68	25
Meade	14,698	10.9	.0	.0	.0	.0	29.9	16.3	9.5	24.8	38.3	38	73
Menifee	3,673	5.4	.0	.0	.0	.0	54.5	10.9	10.9	32.4	45.0	62	36
Mercer	13,959	15.8	1.4	.0	.0	.0	31.5	34.4	5.7	30.7	49.5	66	28
Metcalfe	6,856	5.8	.0	.0	.0	.0	43.8	23.3	2.9	26.8	39.2	44	66
Monroe	8,992	8.9	.0	2.2	.0	.0	48.9	15.6	8.9	33.7	48.1	69	23
Montgomery	13,973	1.4	2.9	.0	.0	1.4	48.7	17.2	5.7	31.4	41.5	56	47
Morgan	8,444	7.1	4.7	.0	.0	2.4	30.8	9.5	7.1	28.2	38.2	44	64
Muhlenberg	22,958	7.8	.0	.0	.0	.0	45.3	16.6	10.5	30.5	44.3	59	39
Nelson	19,489	13.3	1.0	.0	.0	.0	31.8	23.6	15.4	31.8	49.1	67	26
Nicholas	5,141	7.8	.0	.0	.0	.0	38.9	23.3	.0	24.2	36.6	34	81
Ohio	15,167	4.0	.0	.0	.0	1.3	26.4	25.1	5.3	21.5	31.7	21	104
Oldham	21,093	10.4	2.8	.0	.0	.0	33.2	10.4	4.7	25.4	37.2	37	77
Owen	6,334	6.3	3.2	.0	3.2	.0	37.9	28.4	.0	30.5	42.9	57	45
Owsley	3,884	5.1	15.4	.0	.0	.0	51.5	20.6	.0	43.3	55.3	85	7
Pendleton	7,423	5.4	5.4	.0	.0	.0	40.4	24.2	8.1	33.2	46.1	65	33
Perry	23,937	12.5	3.3	.8	.0	.8	40.1	19.2	31.8	45.8	65.6	91	2
Pike	56,862	12.3	4.2	.4	.0	.4	31.7	19.0	14.1	33.7	49.4	70	18
Powell	7,839	10.2	.0	.0	.0	.0	40.8	12.8	12.8	29.9	44.2	58	42
Pulaski	34,119	8.2	3.5	.6	1.2	1.2	38.1	11.1	11.7	33.6	46.1	66	31
Robertson	1,628	12.3	.0	.0	.0	.0	12.3	12.3	.0	12.7	22.7	2	120
Rockcastle	10,013	4.0	2.0	4.0	.0	.0	47.9	18.0	18.0	39.8	53.3	81	12
Rowan	14,622	10.9	1.4	.0	.0	.0	23.3	10.9	8.2	21.7	33.4	24	102
Russell	10,416	1.9	1.9	.0	.0	.0	26.9	13.4	9.6	21.2	29.1	16	111
Scott	15,628	3.8	1.3	1.3	.0	.0	23.0	15.4	2.6	18.1	25.7	7	118
Shelby	17,254	7.0	.0	1.2	.0	.0	38.3	15.1	5.8	25.8	37.3	38	72
Simpson	10,338	5.8	3.9	.0	.0	.0	40.6	13.5	9.7	30.6	42.1	55	48
Spencer	4,302	13.9	.0	.0	.0	.0	51.1	13.9	4.6	32.2	48.5	67	27
Taylor	15,610	3.8	2.6	1.3	.0	.0	21.8	12.8	3.8	18.9	26.2	9	115
Todd	7,952	2.5	.0	.0	.0	.0	40.2	15.1	12.6	26.9	37.3	40	71
Trigg	6,926	5.8	2.9	.0	.0	.0	23.1	14.4	17.3	26.0	37.0	38	74
Trimble	4,386	4.6	.0	.0	.0	.0	50.2	9.1	.0	24.8	34.3	31	90
Union	13,349	1.5	.0	.0	.0	.0	28.5	22.5	3.0	18.5	26.7	9	114
Warren	57,161	9.1	1.4	.0	.0	.0	16.8	13.3	12.2	20.6	31.7	19	106
Washington	7,335	8.2	10.9	.0	.0	.0	38.2	16.4	2.7	34.8	46.7	68	24
Wayne	12,111	9.9	1.7	.0	.0	3.3	24.8	11.6	16.5	29.5	42.3	54	49
Webster	10,249	9.8	.0	.0	.0	.0	33.2	17.6	3.9	23.3	35.8	31	88

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Whitley..........	24,306	8.2	0.8	0.0	0.0	0.8	32.1	9.1	9.1	24.6	35.6	33	85
Wolfe............	4,708	4.2	.0	.0	.0	.0	25.5	12.7	38.2	33.0	46.7	66	30
Woodford.........	13,345	10.5	4.5	1.5	.0	.0	43.5	15.0	3.0	33.0	46.5	65	32
Louisiana..........	3,091,112	11.9	2.2	.3	.3	.1	30.0	16.8	19.2	32.7	48.5	-	-
Acadia............	39,577	12.6	2.0	1.0	.5	.0	36.4	19.2	9.6	32.4	48.1	67	27
Allen.............	14,605	15.1	.0	.0	.0	.0	53.4	15.1	9.6	36.1	54.3	79	13
Ascension.........	36,939	7.0	1.6	.0	.0	.0	33.6	10.3	15.7	28.0	40.0	47	49
Assumption........	15,510	5.2	.0	.0	1.3	.0	50.3	6.4	32.2	41.0	55.9	84	7
Avoyelles.........	28,846	7.6	1.4	.0	.7	.7	49.2	23.6	9.7	35.9	51.0	75	19
Beauregard........	21,779	11.9	.9	.0	.0	.0	34.0	13.8	17.4	31.0	46.5	62	30
Bienville.........	11,401	1.8	1.8	.0	.0	.0	52.6	8.8	7.0	29.6	39.0	48	48
Bossier...........	61,417	8.8	3.3	.3	.3	.0	27.0	16.3	10.4	27.0	39.3	44	55
Caddo.............	185,094	13.6	2.7	.3	.3	.1	22.3	17.0	26.3	34.1	51.3	73	24
Calcasieu.........	121,984	10.2	2.0	.0	.7	.0	28.9	20.2	13.0	29.0	43.3	55	40
Caldwell..........	7,453	13.4	.0	2.7	.0	.0	29.5	10.7	8.1	26.5	40.2	45	52
Cameron...........	6,774	14.8	5.9	.0	.0	.0	62.0	20.7	14.8	49.1	69.9	94	4
Catahoula.........	8,462	16.5	2.4	2.4	.0	.0	52.0	11.8	4.7	37.9	55.4	81	11
Claiborne.........	12,180	6.6	3.3	.0	.0	.0	46.0	11.5	18.1	36.1	49.7	74	23
Concordia.........	16,224	7.4	1.2	.0	.0	.0	39.4	21.0	13.6	31.4	45.6	61	32
De Soto...........	18,296	7.7	2.2	1.1	.0	.0	38.3	18.6	20.8	36.0	51.0	75	18
East Baton Rouge..	277,901	10.3	1.4	.2	.3	.1	23.2	13.7	16.6	26.5	39.7	44	57
East Carroll......	7,375	.0	5.4	.0	.0	.0	29.8	19.0	32.5	37.0	49.1	74	22
East Feliciana....	13,725	4.4	.0	.0	.0	.0	33.5	4.4	8.7	20.9	29.1	15	62
Evangeline........	23,217	10.3	8.6	.9	.0	.0	52.5	50.8	8.6	50.0	71.5	95	2
Franklin..........	16,235	4.9	1.2	.0	.0	.0	27.1	14.8	20.9	27.4	39.1	45	53
Grant.............	11,901	10.1	3.4	1.7	1.7	.0	45.4	15.1	6.7	36.1	50.2	75	20
Iberia............	46,610	9.4	2.1	.4	.0	.0	36.0	15.0	10.7	29.6	43.1	55	39
Iberville.........	23,254	8.6	2.6	.9	.9	.0	35.3	8.6	12.0	30.0	42.0	54	42
Jackson...........	11,968	6.7	.0	.0	1.7	.0	26.7	13.4	21.7	28.5	41.0	50	47
Jefferson.........	343,619	12.2	.7	.3	.1	.1	20.7	20.4	14.5	25.7	40.5	44	56
Jefferson Davis...	22,476	7.1	1.8	.9	.0	.0	41.8	9.8	10.7	30.1	42.1	55	41
Lafayette.........	117,921	6.4	1.4	.2	.2	.0	27.1	19.2	9.8	24.2	35.6	32	61
Lafourche.........	60,591	5.0	1.0	.3	.0	.0	41.9	12.2	9.2	27.7	38.7	44	54
La Salle..........	11,992	18.3	.0	.0	.0	.0	41.7	13.3	5.0	30.1	47.7	63	29
Lincoln...........	31,705	5.7	.0	.0	.0	.0	17.0	8.2	6.3	14.1	21.5	2	63
Livingston........	44,698	7.6	.0	.4	.0	.0	44.7	17.0	12.1	31.4	45.4	61	34
Madison...........	9,804	8.2	2.0	2.0	.0	.0	26.5	12.2	24.5	32.5	46.1	64	28
Morehouse.........	24,059	10.8	.0	2.5	.0	.0	26.6	10.8	22.4	30.8	45.2	60	35
Natchitoches......	27,935	14.3	2.1	2.1	.7	.0	35.8	14.3	22.2	39.2	57.1	83	8
Orleans...........	404,213	23.1	5.0	.0	.5	.0	18.4	17.0	48.1	48.8	74.3	95	1
Ouachita..........	99,639	10.6	1.0	.4	.2	.4	22.9	15.5	10.0	23.8	36.4	33	60
Plaquemines.......	18,410	7.6	2.2	.0	.0	.0	54.3	20.6	17.4	40.4	56.9	84	6
Pointe Coupee.....	17,103	16.4	2.3	.0	.0	.0	37.4	14.0	5.8	30.3	46.7	61	33
Rapides...........	97,341	14.0	2.9	.2	.2	.0	30.2	14.2	20.5	34.2	51.0	73	25
Red River.........	7,129	8.4	2.8	.0	.0	.0	61.7	16.8	28.1	48.7	67.7	93	5
Richland..........	15,517	9.0	2.6	.0	.0	.0	23.2	16.8	21.9	29.7	43.7	57	37
Sabine............	18,127	11.0	3.3	.0	.0	.0	45.2	14.3	18.8	38.5	55.1	81	9
St. Bernard.......	48,779	16.4	1.2	.0	.0	.0	32.0	20.1	9.8	30.0	47.5	62	31
St. Charles.......	27,883	10.8	.7	.0	.0	.0	36.6	12.2	10.8	28.0	41.7	50	45
St. Helena........	6,947	8.6	2.9	.0	.0	.0	34.5	8.6	14.4	29.4	41.8	53	43
St. James.........	15,053	4.0	1.3	1.3	.0	.0	42.5	9.3	5.3	26.5	35.8	37	58
St. John the Baptist.......	24,662	8.9	1.6	.0	.0	.0	36.5	13.8	13.8	29.8	43.4	56	38
St. Landry........	59,414	8.4	3.7	.7	.0	.0	28.6	29.6	10.4	30.7	45.2	60	36
St. Martin........	29,569	8.1	1.4	.0	.0	.0	39.9	18.3	6.8	28.3	41.3	50	46

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
St. Mary..........	45,143	8.0	1.3	0.0	0.4	0.0	50.5	15.1	15.9	36.8	51.9	77	16
St. Tammany.......	87,352	12.8	1.6	.7	.2	.0	39.6	18.1	12.8	34.1	50.6	72	26
Tangipahoa........	59,974	9.3	2.3	.0	.0	.0	35.3	16.7	25.7	36.4	52.5	78	14
Tensas............	5,478	.0	3.7	3.7	.0	.0	36.5	11.0	11.0	30.0	37.7	47	50
Terrebonne........	68,506	9.9	2.0	.0	.3	.3	44.7	17.5	14.9	36.0	51.7	76	17
Union.............	14,999	12.0	2.7	.0	.0	.0	57.3	9.3	6.7	36.7	52.2	78	15
Vermilion.........	35,354	6.8	1.7	.0	.0	.6	38.5	15.3	10.7	29.3	41.6	52	44
Vernon............	41,515	3.9	1.9	.0	.0	.5	41.9	13.0	9.2	28.5	39.0	46	51
Washington........	32,096	17.4	1.9	.6	.0	.6	58.6	19.3	21.2	48.7	71.4	94	3
Webster...........	31,948	8.8	2.5	.6	.6	.0	33.8	16.9	22.5	35.5	50.7	74	21
West Baton Rouge..	13,994	15.7	.0	.0	1.4	.0	47.2	11.4	14.3	36.7	54.7	80	12
West Carroll......	9,138	10.9	2.2	.0	.0	.0	24.1	8.8	13.1	24.7	37.0	36	59
West Feliciana....	10,332	1.9	1.9	.0	.0	.0	19.4	9.7	3.9	14.6	20.1	1	64
Winn..............	11,971	13.4	3.3	.0	.0	1.7	33.4	16.7	21.7	38.1	55.5	81	10
Maine...............	827,601	14.7	3.2	.3	.3	.0	25.0	17.5	3.1	25.4	39.6	-	-
Androscoggin......	71,741	17.8	4.2	.6	.3	.0	25.6	16.7	2.0	27.4	43.0	51	6
Aroostook.........	64,214	18.4	2.5	.6	.6	.0	21.5	10.9	1.9	23.4	37.8	35	12
Cumberland........	162,693	14.1	3.9	.2	.1	.2	21.0	18.1	2.8	24.1	37.6	36	11
Franklin..........	20,166	10.9	1.0	.0	.0	.0	30.7	19.8	2.0	23.3	36.3	32	14
Hancock...........	30,967	16.8	2.6	.0	.0	.0	33.6	14.9	1.9	27.5	43.1	52	5
Kennebec..........	80,154	16.7	1.0	.2	.2	.0	22.7	20.2	3.0	23.3	38.8	37	10
Knox..............	24,501	13.9	2.4	.0	.0	.0	18.8	17.1	4.9	21.8	35.1	27	15
Lincoln...........	19,146	17.8	5.2	.0	1.0	.0	27.2	18.8	4.2	30.7	47.2	63	3
Oxford............	35,229	14.2	5.7	.6	.0	.0	38.6	23.8	1.1	33.6	49.7	71	1
Penobscot.........	102,011	12.2	4.1	.2	.4	.0	27.1	16.7	3.7	26.1	39.1	42	8
Piscataquis.......	12,501	19.2	3.2	.0	.0	.0	33.6	19.2	4.8	31.3	49.4	67	2
Sagadahoc.........	21,115	12.3	1.9	.9	.0	.0	16.1	20.8	1.9	19.7	32.0	18	16
Somerset..........	32,189	13.0	1.2	.0	.0	.0	30.4	17.4	5.0	25.2	39.4	41	9
Waldo.............	20,839	18.2	1.9	.0	.0	.0	26.9	21.1	8.6	29.0	46.8	60	4
Washington........	24,461	8.2	3.3	1.6	1.6	.0	29.4	18.0	6.5	28.9	40.8	50	7
York..............	105,673	13.6	3.0	.4	.2	.0	23.5	16.5	3.0	23.8	37.0	34	13
Maryland............	3,222,869	13.4	4.0	.4	.2	.0	20.1	13.5	11.4	26.6	40.3	-	-
Allegany..........	58,458	17.8	3.1	.0	.3	.0	25.7	15.7	2.4	25.8	41.3	46	12
Anne Arundel......	289,052	10.9	1.5	.4	.3	.0	22.4	11.2	4.8	20.6	31.7	19	19
Baltimore.........	514,143	10.0	1.5	.2	.0	.0	17.9	13.3	5.4	18.5	29.0	11	22
Calvert...........	26,999	17.0	3.7	.0	.0	.0	30.4	11.1	5.2	28.1	43.4	53	10
Caroline..........	16,852	11.9	3.6	.0	1.2	.0	42.7	11.9	7.1	33.3	47.6	67	5
Carroll...........	73,534	7.3	.8	.3	.0	.0	31.6	12.2	3.3	21.3	31.4	20	18
Cecil.............	45,159	9.7	1.8	.4	.4	.0	27.9	13.3	5.8	23.7	35.3	31	14
Charles...........	54,957	12.7	2.5	.0	.0	.0	41.9	12.7	6.9	31.1	46.0	62	7
Dorchester........	22,093	21.7	6.3	.9	.0	.0	30.8	17.2	12.7	38.5	58.7	84	2
Frederick.........	87,704	8.7	1.8	.0	.5	.0	20.8	17.6	3.6	19.8	30.3	15	20
Garrett...........	18,653	6.4	1.1	.0	.0	.0	21.4	16.1	8.6	20.0	30.0	15	21
Harford...........	109,062	7.9	2.6	.2	.4	.0	31.4	12.8	3.7	23.8	34.3	29	16
Howard............	96,263	4.2	1.0	.0	.0	.2	17.2	11.4	5.8	15.2	22.3	3	24
Kent..............	12,421	14.5	4.8	.0	.0	.0	43.5	14.5	3.2	33.4	49.1	70	3
Montgomery........	462,163	9.3	2.2	.3	.0	.0	15.1	13.5	4.2	17.4	27.1	8	23
Prince George's...	506,302	13.0	3.3	.2	.2	.0	19.8	12.4	10.7	24.8	38.0	38	13
Queen Anne's......	19,789	9.1	2.0	.0	.0	.0	41.4	22.2	4.0	29.5	43.4	56	9
St. Mary's........	44,767	8.5	2.2	.4	.0	.0	27.7	11.6	6.7	23.3	34.0	28	17
Somerset..........	13,963	27.2	2.9	1.4	1.4	.0	17.2	10.0	4.3	28.1	47.2	59	8
Talbot............	20,038	14.0	4.0	.0	1.0	.0	31.9	19.0	11.0	33.1	49.2	70	4
Washington........	84,491	13.5	3.3	1.4	.0	.0	20.1	12.5	3.8	23.0	35.3	30	15
Wicomico..........	49,393	18.6	5.3	.0	.8	.0	22.7	17.0	7.7	30.3	47.0	62	6

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Worcester	24,683	12.2	1.6	0.0	0.0	0.0	30.0	17.8	8.9	26.9	41.4	48	11
Baltimore City	571,930	24.9	11.6	1.3	.4	.0	14.0	15.2	35.9	49.3	73.0	95	1
Massachusetts	4,306,996	15.6	1.8	.3	.1	.1	17.5	11.2	4.6	20.4	33.4	-	-
Barnstable	114,240	19.4	1.9	.2	.5	.2	21.7	16.1	1.8	23.9	39.8	39	3
Berkshire	105,492	17.4	1.7	.2	.0	.2	22.4	13.1	2.1	22.2	36.7	31	6
Bristol	344,948	16.3	1.0	.2	.1	.1	17.9	10.4	3.8	19.4	32.6	18	11
Dukes	7,275	19.2	5.5	.0	.0	.0	19.2	13.7	.0	24.2	39.1	39	4
Essex	472,184	17.7	1.9	.2	.1	.0	16.9	11.9	3.3	20.6	34.7	24	9
Franklin	47,127	12.3	1.7	.4	.4	.0	28.0	15.3	2.1	23.4	36.1	32	5
Hampden	323,826	16.9	2.2	.2	.0	.0	18.4	11.1	5.1	21.7	35.6	28	7
Hampshire	110,615	11.4	1.8	.0	.4	.0	17.4	14.1	.7	17.3	27.9	9	13
Middlesex	1,039,440	14.8	1.4	.4	.1	.1	15.7	9.6	2.4	17.6	29.4	11	12
Nantucket	4,114	58.3	9.7	.0	.0	.0	24.3	14.6	4.9	49.1	86.5	97	1
Norfolk	454,148	12.1	.8	.3	.2	.1	18.1	9.1	2.5	17.0	27.5	8	14
Plymouth	292,157	14.4	1.6	.2	.1	.0	20.3	11.7	3.4	20.2	32.8	20	10
Suffolk	516,869	19.2	3.6	.5	.3	.0	10.7	12.0	15.6	26.5	42.8	50	2
Worcester	474,561	13.9	1.5	.3	.0	.0	23.0	12.6	3.8	21.5	34.4	25	8
Michigan	6,623,820	17.8	2.1	.5	.1	.1	22.1	15.4	13.4	28.8	45.7	-	-
Alcona	7,225	13.8	5.5	.0	.0	.0	13.8	16.6	13.8	26.9	41.0	47	29
Alger	6,349	12.6	6.3	.0	.0	.0	28.3	25.2	3.1	29.9	44.6	58	14
Allegan	57,939	10.4	.7	.0	.3	.0	30.4	9.3	2.8	21.2	32.2	21	69
Alpena	22,642	17.7	.9	.9	.0	.0	27.4	14.1	.9	23.8	38.9	38	44
Antrim	11,752	6.8	3.4	.0	.0	.0	32.3	13.6	1.7	23.3	33.1	26	59
Arenac	10,600	26.4	.0	.0	.0	.0	32.1	18.9	.0	28.1	49.1	62	10
Baraga	5,893	27.1	6.8	3.4	.0	3.4	44.1	20.4	.0	47.3	70.3	93	3
Barry	32,776	4.9	.6	.0	.0	.0	41.5	13.4	1.8	23.6	33.4	28	58
Bay	84,815	14.4	.7	.0	.0	.2	24.5	11.8	4.2	21.5	34.7	26	61
Benzie	7,986	17.5	.0	2.5	.0	.0	27.5	12.5	7.5	27.3	43.2	52	21
Berrien	118,684	15.8	3.0	.5	.0	.0	26.6	14.3	8.8	28.2	43.6	54	19
Branch	28,155	17.0	.0	.0	.0	.0	36.9	15.6	.7	26.0	42.0	47	28
Calhoun	100,336	15.9	3.8	.4	.0	.2	26.3	13.8	9.2	29.0	44.4	57	18
Cass	34,923	11.5	2.9	.6	.0	.0	30.9	16.6	6.9	27.7	41.3	49	25
Charlevoix	14,122	12.7	5.7	1.4	.0	.0	24.1	14.2	2.8	26.6	39.0	43	33
Cheboygan	14,578	9.6	.0	.0	.0	.0	23.3	28.8	2.7	20.8	33.9	23	67
Chippewa	21,379	14.0	3.7	.0	.9	.0	12.2	17.8	5.6	21.7	34.6	26	60
Clare	17,536	27.4	2.3	.0	.0	.0	35.4	16.0	3.4	33.2	55.1	77	6
Clinton	38,653	8.3	.5	.0	.0	.0	29.5	16.0	2.6	20.7	31.6	19	71
Crawford	6,931	8.7	2.9	2.9	.0	.0	43.3	11.5	.0	29.8	41.2	52	20
Delta	27,391	17.5	.0	.0	.0	.0	27.0	19.0	.7	22.7	38.5	35	47
Dickinson	18,159	16.5	1.1	.0	.0	.0	18.7	16.5	2.2	20.1	34.2	23	68
Eaton	63,163	5.4	.9	.0	.0	.3	26.0	11.7	4.4	18.8	27.3	10	78
Emmet	16,579	15.7	1.2	2.4	.0	1.2	33.8	19.3	1.2	29.9	45.5	59	13
Genesee	315,415	13.6	3.7	.6	.1	.1	24.7	15.4	15.2	30.6	45.9	61	11
Gladwin	14,808	16.2	1.4	.0	.0	.0	28.4	14.9	4.1	24.8	39.9	41	37
Gogebic	14,017	18.5	.0	.0	1.4	.0	20.0	17.1	2.9	22.2	37.8	33	52
Grand Traverse	40,439	8.9	2.0	.0	.0	.0	36.6	15.8	2.5	25.3	37.3	37	45
Gratiot	27,735	8.7	.0	.0	.0	.0	27.4	13.7	2.2	18.8	29.2	12	76
Hillsdale	29,294	8.9	.0	.7	.0	.0	31.4	19.1	4.8	23.6	35.9	32	54
Houghton	28,399	20.4	4.2	.7	.0	.7	17.6	12.0	2.1	24.8	40.1	41	35
Huron	25,260	19.8	1.6	.0	.0	.0	35.6	18.2	3.2	29.8	48.0	63	9
Ingham	205,664	8.1	1.7	.5	.0	.2	15.7	14.2	5.0	17.4	26.7	7	79
Ionia	36,404	12.6	1.1	.5	.0	.0	39.6	14.8	2.2	27.4	41.5	49	24
Iosco	21,474	26.1	5.6	1.9	.0	.0	27.9	14.9	4.7	35.0	55.5	79	5
Iron	10,058	19.9	4.0	.0	.0	.0	17.9	23.9	.0	24.4	41.2	43	32
Isabella	41,733	6.7	.0	.0	.0	.0	21.1	6.7	2.9	14.3	21.9	2	83

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Jackson	107,186	11.2	2.4	0.4	0.2	0.4	22.8	16.6	7.3	24.3	36.9	35	48
Kalamazoo	159,092	9.8	.6	.6	.3	.3	19.0	15.1	4.7	19.0	29.7	13	75
Kalkaska	7,806	7.7	5.1	.0	.0	.0	23.1	23.1	.0	22.6	33.2	25	63
Kent	326,508	11.0	2.4	.2	.1	.1	21.4	11.7	7.0	21.9	33.4	24	65
Keweenaw	1,513	92.5	.0	.0	.0	.0	26.4	52.9	.0	59.6	121.4	99	1
Lake	5,926	20.2	.0	.0	.0	.0	37.1	20.2	6.7	31.1	50.7	69	7
Lapeer	47,678	10.5	.0	.4	.0	.0	38.6	15.5	2.5	25.2	38.2	39	41
Leelanau	10,418	13.4	1.9	.0	.0	.0	34.6	15.4	1.9	25.9	39.9	43	30
Lenawee	62,886	7.3	1.6	.6	.3	.3	26.4	16.2	1.9	21.1	31.0	18	73
Livingston	70,068	8.0	2.0	.6	.3	.3	31.7	13.1	.9	22.8	32.9	25	64
Luce	4,549	13.2	4.4	.0	.0	.0	13.2	26.4	4.4	22.7	36.5	31	55
Mackinac	7,400	10.8	5.4	.0	.0	.0	35.1	8.1	.0	26.2	37.3	39	40
Macomb	511,539	15.6	2.0	.4	.1	.0	17.7	15.2	5.8	22.1	36.0	29	56
Manistee	16,286	17.2	2.5	1.2	1.2	.0	17.2	18.4	.0	22.9	37.2	33	51
Marquette	54,293	12.5	1.5	.0	.4	.0	19.2	18.1	1.5	19.3	31.5	16	74
Mason	18,563	9.7	3.2	.0	.0	.0	35.6	21.5	4.3	28.5	42.0	52	22
Mecosta	28,820	9.0	1.4	.0	.0	.0	18.0	11.8	3.5	16.7	26.1	6	80
Menominee	18,247	15.3	1.1	1.1	1.1	.0	26.3	17.5	5.5	26.7	41.8	48	26
Midland	52,824	7.2	1.1	.0	.0	.4	18.6	10.6	1.5	15.1	23.1	3	82
Missaukee	7,175	2.8	.0	.0	.0	.0	50.2	11.2	5.6	27.1	36.9	40	38
Monroe	92,463	9.1	1.3	.2	.2	.0	27.5	17.1	3.9	22.2	33.7	25	62
Montcalm	34,217	9.9	1.2	1.2	.0	.0	35.1	17.0	.6	24.8	37.0	36	46
Montmorency	5,521	7.2	.0	3.6	.0	.0	36.2	29.0	.0	27.6	40.4	47	27
Muskegon	111,461	13.1	2.2	.4	.0	.2	22.4	14.9	7.0	23.8	37.0	34	50
Newaygo	24,872	9.6	2.4	.0	.0	.0	28.9	8.8	1.6	21.1	31.2	19	72
Oakland	745,564	11.7	1.2	.3	.0	.0	20.4	16.1	6.6	21.2	33.7	23	66
Oceana	15,286	11.8	3.9	.0	.0	.0	28.8	14.4	5.2	26.2	39.0	42	34
Ogemaw	12,000	15.0	3.3	.0	1.7	.0	35.0	21.7	3.3	31.7	47.9	66	8
Ontonagon	7,021	25.6	.0	.0	2.8	.0	17.1	8.5	2.8	23.6	41.2	41	36
Osceola	13,477	13.4	.0	1.5	.0	.0	25.2	13.4	7.4	23.7	37.2	35	49
Oscoda	5,000	36.0	.0	.0	.0	.0	48.0	12.0	4.0	39.2	66.6	89	4
Otsego	10,476	11.5	.0	1.9	.0	.0	28.6	15.3	3.8	23.5	36.1	32	53
Ottawa	114,054	5.8	1.2	.0	.0	.2	24.2	8.1	.5	15.8	23.0	4	81
Presque Isle	10,020	22.0	.0	.0	.0	.0	20.0	18.0	10.0	25.7	44.5	51	23
Roscommon	13,339	9.0	4.5	1.5	1.5	.0	30.0	10.5	1.5	26.6	36.8	39	42
Saginaw	156,754	14.8	2.0	1.0	.3	.0	22.1	14.4	16.2	29.2	44.8	57	16
St. Clair	97,657	17.6	1.0	.2	.4	.2	29.1	12.9	2.9	25.2	40.6	43	31
St. Joseph	39,865	11.5	.0	.5	.0	.0	35.6	14.5	4.5	25.2	38.6	39	39
Sanilac	27,856	12.2	.0	1.4	.0	.0	33.7	15.8	2.2	24.8	38.1	38	43
Schoolcraft	5,786	31.1	3.5	.0	.0	.0	13.8	24.2	.0	26.9	49.3	60	12
Shiawassee	48,049	8.7	1.7	.8	.0	.0	24.6	15.8	3.3	21.1	31.8	20	70
Tuscola	38,873	7.7	.5	2.1	.0	.0	37.6	8.2	1.0	23.6	33.5	28	57
Van Buren	45,766	11.8	2.6	.4	.4	.0	33.6	20.5	6.6	29.7	44.3	57	15
Washtenaw	204,790	7.8	1.8	.1	.2	.0	16.8	16.1	5.8	18.2	28.0	10	77
Wayne	1,627,666	35.2	3.0	.7	.3	.0	17.2	17.2	36.7	46.4	76.4	95	2
Wexford	17,940	12.3	1.1	2.2	.0	.0	35.7	22.3	3.3	29.4	44.3	57	17
Minnesota	2,964,888	9.8	1.8	.3	.1	.3	21.6	13.6	2.6	19.6	30.1	-	-
Aitkin	9,372	12.8	.0	.0	.0	.0	55.5	12.8	2.1	32.1	47.7	66	4
Anoka	143,843	7.5	1.3	.3	.0	.0	22.1	12.9	1.0	16.9	25.8	6	69
Becker	20,052	12.0	2.0	.0	.0	.0	42.9	11.0	4.0	29.0	42.7	54	9
Beltrami	22,867	13.1	.9	.0	.0	.0	40.2	14.9	3.5	27.8	42.4	51	10
Benton	17,780	7.9	1.1	1.1	.0	.0	34.9	7.9	3.4	23.3	33.3	27	30
Big Stone	5,053	7.9	.0	.0	.0	.0	43.5	7.9	4.0	25.0	36.1	35	22
Blue Earth	38,448	10.9	2.6	.0	.0	.0	17.2	8.3	1.0	16.4	25.8	6	71
Brown	20,143	6.0	.0	1.0	.0	1.0	26.8	14.9	.0	18.7	27.4	10	60
Carlton	21,048	14.3	2.9	1.0	.0	.0	19.0	18.1	3.8	23.0	36.5	32	24
Carver	27,108	11.1	1.5	.0	.0	.7	20.7	16.2	2.2	19.7	31.1	16	42

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
										Range of Rates		Rank in U.S. (Percentile)	Rank in State
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Minimum	Maximum		
Cass..............	14,936	9.4	1.3	0.0	1.3	0.0	50.9	18.7	5.4	34.2	48.9	70	3
Chippewa..........	10,141	13.8	3.9	.0	.0	.0	21.7	9.9	2.0	21.6	33.5	24	32
Chisago...........	18,081	10.0	2.2	.0	.0	.0	29.9	18.8	2.2	23.6	35.9	32	25
Clay..............	36,249	5.0	1.1	.0	.6	1.7	17.7	7.2	2.2	15.2	21.5	2	84
Clearwater........	5,795	3.5	3.5	.0	.0	.0	44.9	20.7	.0	27.9	38.2	44	14
Cook..............	3,011	.0	19.9	.0	.0	.0	13.3	26.6	6.6	33.9	41.1	59	6
Cottonwood........	9,897	10.1	.0	.0	.0	.0	20.2	10.1	.0	14.7	24.0	4	79
Crow Wing.........	29,877	13.4	2.7	.0	.0	.0	27.4	18.7	3.3	25.0	39.0	40	18
Dakota............	145,468	7.1	1.6	.4	.1	.0	20.1	13.2	1.2	16.8	25.3	6	72
Dodge.............	9,928	4.0	.0	2.0	.0	.0	56.4	16.1	2.0	31.5	43.0	58	7
Douglas...........	19,778	10.1	3.0	1.0	.0	1.0	23.3	17.2	1.0	22.9	34.0	27	28
Faribault.........	13,087	10.7	.0	.0	.0	.0	29.0	7.6	.0	18.1	28.4	10	55
Fillmore..........	14,672	4.1	2.7	.0	.0	.0	24.5	13.6	2.7	18.7	26.4	8	65
Freeborn..........	25,058	8.0	.8	.0	.0	.0	26.3	10.4	2.4	18.3	27.7	10	59
Goodhue...........	26,809	6.0	1.5	.0	.0	.0	33.6	12.7	1.5	21.3	30.6	18	38
Grant.............	4,665	8.6	8.6	.0	.0	.0	21.4	4.3	.0	22.0	29.7	18	39
Hennepin..........	726,527	11.0	2.4	.4	.2	.6	13.5	16.4	4.5	19.2	30.2	14	48
Houston...........	13,009	10.8	.0	.0	.0	.0	38.4	10.8	.0	22.7	34.6	28	26
Hubbard...........	9,809	8.2	2.0	2.0	.0	.0	44.9	4.1	.0	27.1	37.1	40	17
Isanti............	16,282	2.5	2.5	.0	.0	.0	33.2	9.8	1.2	19.9	26.8	11	54
Itasca............	29,919	13.4	2.0	.0	.0	.0	34.8	12.0	1.3	25.1	38.4	39	19
Jackson...........	9,467	12.7	.0	.0	.0	.0	12.7	4.2	.0	11.4	20.3	1	86
Kanabec...........	8,354	14.4	2.4	.0	.0	.0	40.7	19.2	4.8	31.5	47.8	65	5
Kandiyohi.........	26,561	7.5	2.3	.8	.0	.0	33.1	7.5	1.5	22.2	31.5	22	35
Kittson...........	4,556	8.8	.0	.0	.0	.0	52.7	13.2	.0	28.4	41.1	50	11
Koochiching.......	11,909	13.4	3.4	.0	1.7	.0	23.5	25.2	1.7	26.2	40.7	45	13
Lac Qui Parle.....	7,157	11.2	.0	.0	2.8	.0	50.3	8.4	.0	30.2	43.2	57	8
Lake..............	8,933	15.7	4.5	.0	.0	.0	22.4	13.4	2.2	24.0	37.6	36	21
Lake of the Woods.	2,768	14.5	.0	.0	.0	.0	43.4	43.4	.0	32.8	52.8	74	2
Le Sueur..........	15,977	5.0	2.5	.0	.0	.0	22.5	8.8	6.3	18.7	26.4	9	64
Lincoln...........	5,284	3.8	7.6	.0	.0	.0	26.5	3.8	.0	21.0	26.6	11	51
Lyon..............	17,643	11.3	1.1	.0	.0	.0	23.8	20.4	1.1	20.4	32.8	21	36
McLeod............	20,703	2.9	2.9	.0	1.9	.0	26.1	13.5	.0	19.7	26.4	10	57
Mahnomen..........	3,553	11.3	.0	.0	.0	.0	56.3	11.3	11.3	35.8	51.9	76	1
Marshall..........	8,450	16.6	.0	.0	.0	.0	21.3	11.8	.0	18.1	31.4	14	47
Martin............	17,286	4.6	.0	.0	.0	.0	26.6	8.1	.0	14.7	21.5	2	85
Meeker............	14,123	8.5	1.4	.0	.0	.0	38.2	11.3	.0	23.2	33.9	28	27
Mille Lacs........	12,529	8.0	3.2	.0	.0	.0	31.9	12.8	1.6	23.2	33.4	27	29
Morrison..........	19,587	15.3	4.1	1.0	.0	2.0	27.6	9.2	2.0	27.8	41.0	49	12
Mower.............	28,503	9.8	2.1	.0	.7	.0	18.2	9.1	.0	16.3	25.2	5	74
Murray............	7,647	10.5	2.6	.0	.0	.0	20.9	7.8	.0	17.3	26.5	7	67
Nicollet..........	19,699	5.1	.0	1.0	.0	.0	24.4	12.2	.0	15.8	23.3	4	78
Nobles............	15,081	5.3	.0	.0	.0	.0	25.2	9.3	2.7	15.9	23.5	4	77
Norman............	5,914	10.1	.0	.0	.0	3.4	27.1	16.9	.0	22.3	33.6	25	31
Olmsted...........	68,793	4.4	1.2	.6	.0	.3	23.0	12.5	2.3	17.1	24.5	5	73
Otter Tail........	36,074	16.1	2.8	.6	.6	.0	30.5	12.8	.0	25.8	40.0	43	15
Pennington........	10,112	7.9	2.0	.0	.0	.0	21.8	13.8	2.0	18.1	27.4	9	62
Pine..............	14,123	5.7	2.8	.0	.0	.0	29.7	8.5	2.8	20.7	28.9	14	45
Pipestone.........	7,807	7.7	2.6	.0	.0	.0	20.5	12.8	7.7	20.5	30.4	16	41
Polk..............	23,589	10.2	.0	.8	.0	.8	32.2	9.3	.8	21.7	32.4	22	34
Pope..............	7,852	10.2	.0	.0	.0	2.5	25.5	5.1	.0	18.4	27.6	10	58
Ramsey............	344,284	11.2	1.5	.2	.1	.2	13.7	14.2	4.5	17.4	28.1	9	61
Red Lake..........	3,484	11.5	.0	.0	.0	.0	23.0	.0	.0	14.3	23.1	3	82
Redwood...........	12,874	3.1	1.6	.0	.0	.0	35.7	12.4	1.6	21.1	29.0	15	44
Renville..........	13,678	8.8	4.4	.0	.0	.0	26.3	10.2	.0	21.1	30.5	17	40
Rice..............	33,527	8.9	1.2	.6	.6	.0	22.7	11.9	1.8	18.8	28.5	11	52
Rock..............	7,281	2.7	.0	.0	.0	.0	16.5	11.0	.0	10.2	15.4	0	87
Roseau............	8,634	.0	.0	.0	.0	.0	32.4	16.2	.0	16.9	23.2	4	76
St. Louis.........	156,126	17.9	3.6	.5	.1	.0	21.3	18.8	1.8	25.1	40.7	43	16
Scott.............	31,239	9.6	.6	.0	.0	.0	21.8	12.8	1.3	16.9	26.9	7	68

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Sherburne	21,189	10.4	0.0	0.0	0.0	0.0	25.5	14.2	2.8	19.1	30.4	14	46
Sibley	10,435	1.9	.0	.0	.0	.0	36.4	9.6	.0	18.0	24.7	6	70
Stearns	78,861	6.3	1.0	.3	.0	.3	29.4	10.1	.0	18.5	26.9	9	63
Steele	21,246	14.1	.0	.9	.0	.0	12.2	9.4	.0	13.8	24.3	3	81
Stevens	7,825	12.8	.0	2.6	.0	2.6	10.2	5.1	.0	15.7	24.6	4	75
Swift	8,587	14.0	2.3	.0	.0	.0	21.0	7.0	2.3	19.4	30.8	15	43
Todd	16,920	4.7	3.5	.0	.0	.0	28.4	7.1	3.5	20.5	28.0	13	50
Traverse	3,723	.0	5.4	.0	.0	5.4	26.9	.0	.0	22.0	25.0	11	53
Wabasha	13,399	9.0	.0	.0	.0	.0	46.3	7.5	1.5	25.3	36.7	37	20
Wadena	9,442	10.6	2.1	.0	.0	.0	19.1	12.7	2.1	18.0	28.3	10	56
Waseca	12,818	9.4	.0	.0	.0	.0	23.4	6.2	.0	14.9	23.6	4	80
Washington	83,108	5.3	.0	.0	.0	.0	21.7	11.3	2.4	14.7	22.2	3	83
Watonwan	8,536	4.7	2.3	.0	.0	2.3	25.8	2.3	2.3	19.0	25.2	7	66
Wilkin	5,618	14.2	.0	.0	.0	.0	39.2	7.1	.0	23.7	36.9	34	23
Winona	33,516	9.0	2.4	.0	.0	.0	25.7	11.3	1.2	19.7	29.4	14	49
Wright	40,502	8.9	.5	.5	.0	.0	33.1	10.4	1.0	21.1	31.4	19	37
Yellow Medicine	9,290	2.2	.0	4.3	.0	.0	30.1	25.8	.0	23.0	31.9	23	33
Mississippi	1,784,641	10.2	2.6	.4	.3	.1	34.5	13.1	16.7	32.5	46.9	-	-
Adams	27,011	9.6	2.2	.0	3.0	.0	31.1	14.8	23.7	36.3	51.5	76	27
Alcorn	23,049	11.3	1.7	.0	.0	.0	31.2	16.5	24.3	34.2	50.7	73	35
Amite	8,977	17.8	2.2	.0	.0	.0	60.2	8.9	15.6	43.9	64.3	90	3
Attala	13,112	15.3	.0	.0	.0	.0	36.6	9.2	16.8	31.3	48.0	65	50
Benton	5,730	10.5	.0	.0	.0	.0	62.8	10.5	17.5	41.0	58.3	85	11
Bolivar	29,768	10.1	4.0	.7	.0	.0	28.9	8.7	32.2	37.9	53.5	79	20
Calhoun	10,807	5.6	3.7	.0	.0	.0	44.4	22.2	20.4	38.6	53.8	80	18
Carroll	6,660	6.0	3.0	.0	.0	.0	24.0	12.0	6.0	20.8	29.7	16	82
Chickasaw	12,235	9.8	.0	.0	.0	.0	53.9	6.5	18.0	36.4	51.8	77	25
Choctaw	6,067	3.3	.0	.0	.0	.0	46.1	19.8	9.9	29.3	41.2	52	62
Claiborne	8,707	6.9	6.9	.0	.0	.0	41.3	4.6	18.4	36.6	48.8	73	33
Clarke	11,626	15.5	1.7	.0	.0	.0	46.4	6.9	6.9	32.2	48.0	66	49
Clay	14,507	8.3	2.8	.0	.0	.0	34.5	8.3	8.3	26.2	37.2	39	69
Coahoma	23,639	13.5	4.2	.0	.0	.0	27.9	13.5	27.1	36.9	54.2	79	21
Copiah	18,278	6.6	2.2	.0	.0	.0	39.4	18.6	24.1	36.5	51.6	77	26
Covington	10,985	14.6	3.6	.0	.0	.0	45.5	14.6	3.6	33.4	49.3	70	41
De Soto	39,483	6.1	1.0	.0	.0	.0	34.4	10.6	8.6	24.1	34.5	30	77
Forrest	49,619	11.3	1.2	.4	.8	.4	29.8	17.7	10.1	28.3	42.4	52	61
Franklin	5,682	3.5	.0	3.5	.0	.0	63.4	21.1	24.6	47.4	64.0	91	1
George	10,569	7.6	1.9	.0	1.9	.0	51.1	15.1	11.4	36.7	50.9	76	28
Greene	6,415	12.5	.0	.0	.0	.0	46.8	12.5	6.2	30.2	45.2	59	56
Grenada	14,644	9.6	.0	.0	.0	.0	31.4	12.3	32.8	35.0	51.3	75	31
Hancock	19,264	19.7	2.1	.0	.0	.0	45.7	17.6	11.4	38.2	58.9	84	15
Harrison	119,322	13.2	4.7	.5	.5	1.3	26.3	19.3	11.6	32.8	48.1	67	46
Hinds	183,522	12.3	5.0	.4	.3	.0	23.3	14.5	24.5	35.0	50.9	74	32
Holmes	15,116	10.6	1.3	1.3	1.3	.0	45.0	14.6	23.8	41.3	58.5	85	9
Humphreys	8,848	.0	.0	2.3	.0	.0	61.0	9.0	15.8	37.1	48.1	73	34
Issaquena	1,580	.0	.0	.0	.0	.0	38.0	25.3	12.7	27.0	37.6	41	68
Itawamba	14,715	12.2	.0	.0	.0	.0	43.5	15.0	9.5	30.7	46.3	61	53
Jackson	86,920	10.4	1.4	.5	.5	.0	25.5	11.0	9.9	24.1	36.1	33	73
Jasper	11,693	5.1	1.7	.0	.0	.0	51.3	12.0	12.0	33.4	45.9	65	51
Jefferson	5,784	10.4	.0	.0	.0	.0	55.3	13.8	24.2	41.6	59.8	86	5
Jefferson Davis	9,482	4.2	2.1	.0	.0	.0	59.1	10.5	19.0	39.7	53.5	81	17
Jones	44,762	17.4	3.1	.4	.0	.4	25.9	14.3	14.3	31.6	48.8	67	48
Kemper	6,668	3.0	9.0	.0	.0	.0	54.0	9.0	27.0	47.4	61.1	90	2
Lafayette	23,636	5.1	2.5	.0	.0	.0	25.4	11.8	8.5	21.6	30.6	19	81
Lamar	17,882	6.7	.0	.0	.0	.0	33.6	11.2	5.6	21.7	31.9	21	80
Lauderdale	55,063	14.5	4.0	.7	1.5	.0	34.9	16.7	23.6	41.2	59.7	86	6
Lawrence	8,667	6.9	.0	2.3	.0	.0	39.2	4.6	11.5	28.0	38.8	45	66
Leake	12,844	6.2	4.7	.0	.0	.0	49.8	23.4	18.7	41.6	57.6	85	12

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Lee	41,716	11.5	0.5	0.0	0.5	0.0	33.1	14.4	17.3	30.6	45.8	61	54
Leflore	27,823	9.3	.7	.7	.0	.0	35.9	8.6	23.7	33.2	47.7	68	45
Lincoln	20,729	15.4	1.0	.0	.0	.0	36.7	11.6	20.3	34.5	52.3	75	30
Lowndes	41,467	6.3	3.4	.0	.0	.0	27.5	11.1	10.1	24.5	34.5	31	76
Madison	30,276	7.3	2.0	.0	.7	.0	23.8	11.2	24.4	29.3	41.9	53	60
Marion	17,925	12.3	1.1	.0	.0	.0	48.0	6.7	26.8	40.2	57.8	84	14
Marshall	21,076	2.8	5.7	.0	.0	.0	57.9	9.5	22.8	43.8	57.2	86	7
Monroe	25,178	4.8	3.2	.0	.8	.0	40.5	7.9	10.3	29.4	39.5	49	64
Montgomery	8,963	6.7	.0	.0	.0	.0	33.5	11.2	33.5	34.8	49.6	72	36
Neshoba	16,322	12.3	3.7	.0	.0	.0	39.2	18.4	15.9	36.3	53.1	78	24
Newton	14,119	11.3	.0	1.4	.0	.0	35.4	9.9	29.7	36.9	53.7	79	22
Noxubee	8,548	11.7	4.7	.0	.0	.0	18.7	.0	21.1	27.2	39.2	44	67
Oktibbeha	27,493	7.3	2.2	.7	.7	.0	20.4	10.2	10.9	22.3	32.1	23	79
Panola	19,254	8.3	7.3	.0	1.0	1.0	32.2	13.5	12.5	34.8	47.3	69	43
Pearl River	25,126	7.2	1.6	2.4	.0	.0	35.0	13.5	10.3	29.2	41.0	51	63
Perry	7,027	5.7	.0	.0	.0	.0	68.3	14.2	2.8	35.2	48.7	72	38
Pike	24,719	18.6	.0	.0	.0	.0	41.3	9.7	23.5	37.9	58.2	83	16
Pontotoc	14,963	2.7	.0	.0	.0	.0	50.8	16.0	12.0	31.3	43.1	58	58
Prentiss	17,372	5.8	3.5	.0	.0	.0	46.1	10.4	10.4	32.1	43.8	60	55
Quitman	7,708	2.6	.0	.0	.0	.0	36.3	5.2	23.4	28.3	38.6	45	65
Rankin	52,490	5.3	2.3	.8	.0	.0	30.1	13.3	9.1	24.8	34.9	32	74
Scott	16,960	4.7	4.7	.0	.0	.0	56.6	7.1	22.4	42.4	56.2	85	13
Sharkey	5,168	7.7	3.9	.0	.0	3.9	27.1	7.7	15.5	31.1	42.2	57	59
Simpson	16,409	9.8	4.9	1.2	.0	.0	59.7	12.2	9.8	42.2	57.8	85	8
Smith	10,493	15.2	.0	.0	.0	.0	49.6	11.4	11.4	34.7	52.3	76	29
Stone	7,055	11.3	.0	.0	.0	.0	31.2	14.2	5.7	23.2	36.2	32	75
Sunflower	23,949	5.0	1.7	.0	.0	.0	27.6	9.2	19.2	26.2	36.7	38	71
Tallahatchie	10,903	14.7	5.5	.0	.0	.0	38.5	12.8	22.0	40.6	58.7	85	10
Tate	14,614	5.5	.0	1.4	1.4	.0	31.5	12.3	9.6	25.2	35.3	34	72
Tippah	13,098	3.1	.0	1.5	.0	.0	41.2	12.2	4.6	24.7	33.7	30	78
Tishomingo	13,324	1.5	.0	.0	.0	.0	57.0	10.5	19.5	35.8	48.0	72	39
Tunica	5,972	10.0	.0	.0	.0	.0	36.8	13.4	23.4	33.3	49.0	70	42
Union	15,338	10.4	.0	.0	.0	.0	41.7	22.2	7.8	29.9	45.2	59	57
Walthall	8,877	11.3	2.3	.0	.0	.0	56.3	11.3	11.3	38.1	54.2	80	19
Warren	35,383	11.9	3.4	.0	.6	.0	32.8	11.3	14.7	31.8	46.2	63	52
Washington	46,305	15.5	2.6	.4	.4	.0	26.3	10.4	20.3	32.5	49.0	68	44
Wayne	13,166	15.2	1.5	.0	.0	.0	56.2	10.6	6.1	36.3	53.6	78	23
Webster	7,238	5.5	2.8	.0	.0	.0	49.7	19.3	8.3	33.7	46.8	67	47
Wilkinson	6,894	8.7	.0	.0	.0	.0	40.6	17.4	20.3	33.7	49.2	70	40
Winston	12,925	7.7	.0	3.1	1.5	.0	54.2	13.9	21.7	43.5	59.7	87	4
Yalobusha	8,988	8.9	2.2	.0	.0	.0	11.1	15.6	24.5	25.2	38.0	38	70
Yazoo	17,949	12.3	1.1	.0	.0	.0	33.4	13.4	23.4	33.9	50.4	72	37
Missouri	3,593,316	10.5	1.6	.7	.2	.1	25.4	15.7	12.4	26.6	39.9	-	-
Adair	19,156	6.3	2.1	.0	1.0	.0	18.8	11.5	1.0	16.4	24.0	5	111
Andrew	10,019	4.0	.0	.0	.0	.0	47.9	16.0	.0	25.0	35.1	33	67
Atchison	6,063	.0	.0	.0	.0	.0	16.5	.0	3.3	8.5	10.9	0	115
Audrain	18,106	11.0	1.1	.0	.0	1.1	17.7	14.4	5.5	19.6	30.9	16	90
Barry	17,801	13.5	.0	.0	.0	.0	34.8	15.7	3.4	24.9	39.2	40	46
Barton	7,858	7.6	2.5	.0	.0	.0	30.5	22.9	2.5	24.3	36.1	33	65
Bates	10,846	16.6	.0	.0	.0	.0	42.4	16.6	9.2	32.3	50.3	70	10
Benton	8,873	22.5	2.3	.0	.0	.0	38.3	20.3	6.8	34.8	55.8	79	5
Bollinger	7,354	5.4	.0	.0	.0	.0	46.2	13.6	2.7	25.6	36.4	37	56
Boone	80,906	5.4	1.7	.7	.2	.0	16.6	15.6	3.7	16.8	24.8	5	106
Buchanan	62,259	9.3	1.0	.3	.0	.0	19.9	18.0	5.1	19.5	30.6	15	93
Butler	27,496	13.8	.7	.7	.0	.0	28.4	8.7	7.3	24.2	37.5	36	57
Caldwell	5,670	3.5	.0	.0	.0	.0	38.8	42.3	.0	26.2	39.6	43	42
Callaway	23,319	7.7	2.6	.0	.0	.0	28.3	25.7	7.7	26.4	39.4	43	43
Camden	16,657	9.6	1.2	.0	.0	.0	54.0	15.6	3.6	32.6	47.0	66	14

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Cape Girardeau	44,014	5.5	0.5	0.0	0.0	0.0	17.7	11.8	3.6	14.2	21.7	2	114
Carroll	8,029	5.0	.0	2.5	.0	.0	37.4	10.0	5.0	24.6	33.9	30	70
Carter	3,813	5.2	.0	.0	.0	.0	26.2	36.7	10.5	25.4	39.2	41	45
Cass	37,161	6.5	1.6	.5	.5	.0	37.7	17.2	6.5	27.6	39.3	45	39
Cedar	8,517	2.3	.0	.0	.0	2.3	30.5	14.1	4.7	21.2	29.0	15	92
Chariton	7,262	.0	.0	.0	.0	.0	35.8	24.8	.0	20.0	28.1	12	100
Christian	16,837	8.3	1.2	.0	.0	.0	30.9	15.4	5.9	23.4	35.0	30	71
Clark	5,651	7.1	.0	.0	.0	.0	46.0	14.2	.0	25.1	36.3	36	58
Clay	104,370	8.2	1.0	.6	.0	.0	27.6	17.2	3.4	21.6	32.6	22	82
Clinton	10,866	14.7	.0	.0	.0	.0	44.2	11.0	9.2	31.1	47.4	64	18
Cole	43,140	7.9	1.9	.9	.0	.0	23.6	16.7	7.4	22.8	33.7	27	77
Cooper	10,491	5.7	1.9	.0	.0	.0	19.1	17.2	.0	15.7	23.8	4	113
Crawford	12,821	14.0	.0	1.6	.0	.0	39.0	26.5	10.9	34.1	52.4	75	7
Dade	5,170	15.5	.0	.0	.0	.0	38.7	11.6	7.7	28.5	44.4	56	28
Dallas	8,546	9.4	2.3	.0	.0	.0	56.2	21.1	9.4	38.4	54.8	81	4
Daviess	5,939	3.4	.0	.0	.0	.0	26.9	10.1	6.7	17.9	25.5	7	104
De Kalb	5,580	10.8	3.6	.0	.0	.0	21.5	14.3	7.2	23.3	35.1	30	72
Dent	10,347	5.8	.0	.0	.0	.0	46.4	23.2	1.9	27.4	39.9	46	38
Douglas	8,460	4.7	2.4	.0	.0	.0	40.2	14.2	4.7	26.2	36.4	38	52
Dunklin	25,198	10.3	.0	.0	1.6	.0	26.2	17.5	9.5	24.8	37.8	38	53
Franklin	50,833	6.7	.4	.0	.0	.0	44.1	14.2	3.5	26.1	37.6	39	47
Gasconade	9,391	14.9	2.1	.0	.0	.0	44.7	14.9	.0	30.0	45.5	59	22
Gentry	5,350	3.7	.0	.0	.0	.0	41.1	11.2	.0	21.0	29.5	16	91
Greene	141,008	7.7	.9	.4	.4	.1	22.7	15.2	6.7	20.7	31.0	18	86
Grundy	8,247	9.7	2.4	.0	.0	.0	19.4	7.3	.0	16.0	24.6	5	109
Harrison	6,825	11.7	.0	.0	.0	.0	38.1	29.3	.0	26.7	42.2	49	33
Henry	13,737	8.7	.0	1.5	.0	.0	42.2	21.8	7.3	30.6	44.9	59	23
Hickory	4,937	12.2	4.1	.0	.0	.0	28.4	20.3	8.1	28.8	43.3	54	29
Holt	4,751	8.4	4.2	.0	.0	.0	21.0	21.0	4.2	22.7	33.8	27	76
Howard	6,918	14.5	.0	2.9	.0	.0	28.9	5.8	.0	22.1	34.1	26	78
Howell	20,636	14.5	.0	1.9	.0	.0	20.4	10.7	2.9	19.9	32.3	19	85
Iron	7,693	5.2	5.2	.0	.0	.0	31.2	18.2	7.8	27.7	38.4	44	41
Jackson	461,695	13.3	3.0	1.8	.1	.0	23.3	18.6	22.7	34.6	51.3	74	8
Jasper	63,574	12.6	.3	.0	.3	.3	31.8	13.5	5.3	24.7	38.2	38	51
Jefferson	107,022	6.9	.2	.6	.2	.0	31.8	14.0	4.7	22.1	32.5	23	81
Johnson	29,278	5.5	1.4	.0	.0	.0	22.5	7.5	6.1	17.5	25.2	6	105
Knox	3,746	.0	.0	5.3	.0	.0	37.4	5.3	.0	22.1	27.1	14	97
Laclede	17,926	.0	2.2	1.1	.0	.0	29.0	24.5	8.9	24.6	33.5	29	73
Lafayette	21,012	5.7	1.0	.0	.0	.0	39.0	10.5	6.7	24.9	35.2	33	66
Lawrence	20,105	9.0	.0	.0	.0	1.0	39.8	19.9	.0	25.4	38.0	39	50
Lewis	7,528	5.3	2.7	2.7	.0	.0	29.2	10.6	.0	21.9	29.8	18	87
Lincoln	16,185	4.9	.0	.0	1.2	.0	47.0	11.1	7.4	28.7	39.7	48	36
Linn	10,759	11.2	1.9	1.9	.0	.0	24.2	13.0	3.7	22.8	34.3	28	74
Livingston	10,724	3.7	.0	.0	.0	.0	31.7	24.2	5.6	22.3	32.9	24	80
McDonald	10,823	9.2	.0	.0	1.8	.0	48.0	18.5	5.5	32.1	46.5	64	17
Macon	11,465	3.5	.0	.0	1.7	.0	27.9	26.2	.0	20.1	29.5	14	94
Madison	7,715	13.0	.0	.0	.0	.0	38.9	15.6	5.2	27.2	42.0	49	32
Maries	5,554	3.6	.0	7.2	.0	.0	32.4	28.8	7.2	31.4	43.1	58	26
Marion	19,811	11.1	2.0	.0	.0	.0	25.2	11.1	.0	19.4	30.1	14	96
Mercer	3,274	12.2	6.1	.0	.0	.0	30.5	24.4	.0	28.8	42.9	54	30
Miller	13,598	8.8	2.9	.0	.0	.0	35.3	23.5	8.8	30.2	44.4	58	25
Mississippi	10,795	9.3	1.9	.0	.0	.0	40.8	18.5	11.1	31.7	46.2	63	21
Moniteau	8,500	9.4	.0	.0	.0	.0	25.9	9.4	7.1	19.9	30.7	16	89
Monroe	6,628	12.1	.0	.0	.0	.0	30.2	33.2	9.1	28.5	45.5	58	27
Montgomery	7,830	15.3	5.1	.0	.0	.0	35.8	25.5	2.6	32.7	49.7	70	11
Morgan	10,513	9.5	7.6	.0	.0	.0	22.8	9.5	7.6	26.6	37.1	39	48
New Madrid	15,391	9.1	2.6	.0	.0	.0	45.5	9.1	13.0	33.4	47.0	67	13
Newton	29,762	8.7	.0	.0	.0	.0	41.0	13.4	3.4	25.1	37.1	37	54
Nodaway	16,102	5.0	.0	.0	.0	.0	36.0	11.2	1.2	20.0	28.7	13	99
Oregon	7,072	28.3	11.3	.0	.0	.0	50.9	11.3	2.8	47.9	71.2	94	1

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Osage............	8,244	12.1	2.4	0.0	0.0	0.0	41.2	9.7	2.4	27.8	41.0	48	34
Ozark............	6,077	6.6	.0	.0	.0	3.3	59.2	26.3	16.5	43.9	61.2	88	3
Pemiscot..........	16,223	16.0	2.5	.0	.0	.0	53.0	19.7	23.4	46.3	68.1	92	2
Perry............	11,410	3.5	.0	.0	.0	.0	21.0	15.8	8.8	17.5	25.9	7	103
Pettis...........	25,653	11.7	.8	.0	.0	.0	22.6	12.5	6.2	20.5	32.5	20	83
Phelps...........	25,460	6.3	.0	.0	.0	.0	29.1	13.4	4.7	19.7	29.3	13	98
Pike.............	11,854	5.1	5.1	.0	.0	.0	21.9	28.7	8.4	26.0	37.5	39	49
Platte...........	35,065	9.1	.6	.0	.0	.0	22.2	17.7	2.9	18.5	29.4	12	102
Polk.............	14,069	5.7	.0	.0	.0	.0	42.6	17.1	1.4	24.3	35.2	32	68
Pulaski..........	33,330	6.6	.0	.6	.0	.0	22.8	10.2	3.0	16.3	24.7	5	108
Putnam...........	4,116	9.7	.0	.0	.0	.0	34.0	9.7	.0	20.2	30.9	17	88
Ralls............	6,094	3.3	3.3	.0	.0	.0	26.3	6.6	.0	17.0	22.7	4	112
Randolph.........	17,923	6.7	2.2	.0	1.1	.0	25.7	25.7	5.6	24.6	36.4	35	61
Ray..............	15,114	4.0	.0	.0	.0	.0	42.3	14.6	2.6	23.6	33.3	27	75
Reynolds.........	5,044	.0	.0	.0	.0	.0	55.5	11.9	.0	25.7	33.8	32	69
Ripley...........	8,848	6.8	4.5	.0	.0	.0	33.9	33.9	11.3	33.6	48.7	70	12
St. Charles.......	109,940	4.9	.9	.2	.0	.0	20.7	13.1	4.0	16.3	24.2	5	110
St. Clair.........	5,751	3.5	.0	.0	.0	.0	55.6	17.4	10.4	33.2	45.9	65	16
Ste. Genevieve....	10,707	5.6	.0	.0	.0	.0	48.6	13.1	.0	25.3	35.9	35	59
St. Francois......	30,210	9.3	.0	.0	.0	.0	36.4	17.2	4.6	24.7	37.4	37	55
St. Louis.........	732,232	14.8	2.0	.8	.3	.4	19.4	16.7	20.7	30.8	47.3	63	19
Saline............	17,577	8.0	.0	1.1	.0	.0	27.3	13.7	12.5	24.5	36.2	34	63
Schuyler..........	3,301	.0	.0	.0	.0	.0	36.4	12.1	.0	17.7	23.8	5	107
Scotland..........	3,560	5.6	.0	.0	.0	.0	73.0	16.9	.0	36.3	50.3	75	6
Scott.............	27,870	12.2	3.6	.7	.0	.7	25.8	12.2	6.5	26.4	39.0	42	44
Shannon...........	5,664	7.1	3.5	.0	.0	.0	28.2	7.1	7.1	23.0	32.3	24	79
Shelby............	5,311	11.3	.0	.0	.0	.0	49.0	7.5	.0	26.7	39.5	44	40
Stoddard..........	20,611	13.6	.0	.0	.0	.0	31.1	11.6	5.8	23.7	37.4	35	60
Stone.............	12,392	16.1	.0	.0	.0	.0	27.4	12.9	4.8	23.0	37.7	34	62
Sullivan..........	5,097	7.8	11.8	.0	.0	.0	31.4	19.6	7.8	35.8	48.1	72	9
Taney.............	16,696	10.8	1.2	.0	.0	.0	39.5	16.8	3.6	27.3	40.9	47	37
Texas.............	15,157	7.9	.0	.0	.0	.0	47.5	11.9	5.3	28.1	40.5	48	35
Vernon............	14,043	7.1	.0	.0	.0	.0	29.9	19.9	10.0	24.2	36.4	34	64
Warren............	11,245	3.6	1.8	.0	.0	.0	33.8	8.9	3.6	20.9	28.6	14	95
Washington........	12,538	9.6	.0	.0	.0	.0	38.3	11.2	17.5	30.5	44.7	59	24
Wayne.............	8,381	7.2	2.4	.0	.0	2.4	47.7	14.3	4.8	32.9	45.2	63	20
Webster...........	14,835	6.7	2.7	.0	.0	.0	31.0	12.1	1.3	21.5	30.9	19	84
Worth.............	2,070	9.7	.0	.0	.0	.0	58.0	19.3	.0	32.2	47.0	65	15
Wright............	11,281	3.5	.0	.0	.0	.0	26.6	14.2	8.9	19.6	28.4	12	101
St. Louis City....	313,016	12.5	2.7	1.3	.3	.0	9.7	11.5	25.7	27.8	41.9	50	31
Montana............	582,553	12.9	3.5	.5	.3	.3	40.8	20.2	6.1	34.0	49.9	-	-
Beaverhead........	5,979	16.7	6.7	3.3	3.3	.0	36.8	13.4	3.3	39.9	55.9	83	24
Big Horn..........	7,599	26.3	15.8	2.6	2.6	.0	86.8	23.7	18.4	81.7	112.6	99	3
Blaine............	4,721	33.9	.0	.0	.0	.0	72.0	16.9	16.9	55.5	87.5	97	7
Broadwater........	2,414	8.3	.0	.0	.0	.0	41.4	24.9	8.3	29.7	44.3	57	36
Carbon............	5,926	10.1	6.8	.0	.0	.0	30.4	23.6	3.4	30.0	43.4	57	39
Carter............	1,244	.0	.0	.0	.0	16.1	48.2	.0	.0	36.3	41.6	63	33
Cascade...........	59,765	13.7	1.0	1.0	.3	.3	31.8	18.1	5.7	27.9	42.9	52	43
Chouteau..........	4,282	4.7	.0	.0	.0	.0	14.0	23.4	.0	12.5	20.5	1	55
Custer............	9,590	12.5	8.3	.0	.0	.0	37.5	14.6	2.1	33.1	46.9	66	31
Daniels...........	1,978	10.1	10.1	.0	.0	.0	50.6	10.1	.0	37.5	50.2	76	25
Dawson............	8,541	4.7	.0	.0	.0	.0	28.1	7.0	2.3	16.2	23.4	4	52
Deer Lodge........	8,762	34.2	4.6	.0	2.3	.0	27.4	29.7	11.4	43.7	72.2	93	11
Fallon............	2,598	.0	.0	.0	.0	.0	38.5	23.1	.0	20.8	28.9	14	51
Fergus............	9,067	4.4	6.6	2.2	.0	.0	50.7	17.6	.0	35.5	46.4	69	29
Flathead..........	38,361	12.0	1.6	.0	.0	.0	48.0	21.9	3.6	32.7	48.8	68	30
Gallatin..........	35,020	6.3	.6	.6	.0	.0	20.6	10.9	2.3	15.6	23.5	4	53
Garfield..........	1,223	.0	.0	.0	.0	.0	98.2	.0	16.4	48.9	62.5	91	14

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Glacier	7,407	40.5	24.3	0.0	2.7	0.0	145.8	56.7	37.8	134.0	187.9	99	1
Golden Valley	718	.0	.0	.0	.0	.0	111.4	55.7	27.8	71.0	97.5	98	5
Granite	1,932	31.1	.0	.0	.0	.0	62.1	20.7	.0	43.0	70.1	92	13
Hill	13,042	13.8	1.5	.0	.0	1.5	36.8	21.5	9.2	32.8	49.5	70	28
Jefferson	5,440	.0	.0	.0	.0	.0	62.5	11.0	3.7	30.2	39.6	50	44
Judith Basin	1,907	10.5	.0	.0	.0	.0	42.0	21.0	.0	26.1	40.0	44	46
Lake	13,564	11.8	1.5	.0	.0	4.4	57.5	17.7	10.3	43.3	60.7	88	18
Lewis And Clark	32,326	9.9	1.9	.6	.0	.0	38.4	29.1	2.5	29.6	44.6	58	35
Liberty	1,738	34.5	.0	11.5	.0	11.5	57.5	.0	.0	61.3	86.3	98	6
Lincoln	12,739	4.7	.0	.0	.0	.0	29.8	22.0	7.8	22.5	33.4	25	47
McCone	1,858	.0	.0	.0	.0	.0	75.3	10.8	.0	33.8	43.9	63	34
Madison	4,108	9.7	4.9	.0	.0	.0	97.4	24.3	4.9	56.9	77.8	97	9
Meagher	1,699	.0	11.8	.0	.0	.0	82.4	11.8	.0	48.7	59.8	90	15
Mineral	2,619	30.5	7.6	.0	.0	.0	76.4	7.6	7.6	57.3	84.8	97	8
Missoula	57,386	10.8	3.8	.0	.0	.0	34.2	17.4	6.6	29.2	42.9	54	42
Musselshell	3,265	18.4	.0	.0	.0	.0	55.1	30.6	6.1	39.7	61.9	86	21
Park	9,321	10.7	2.1	.0	.0	2.1	36.5	17.2	.0	27.4	40.2	46	45
Petroleum	490	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	...	...
Phillips	3,842	15.6	5.2	.0	.0	.0	52.1	46.9	5.2	45.3	68.3	92	12
Pondera	4,679	17.1	4.3	.0	.0	.0	34.2	17.1	4.3	31.1	47.7	64	32
Powder River	1,775	.0	.0	.0	.0	.0	45.1	56.3	11.3	35.5	51.9	76	26
Powell	5,157	19.4	.0	.0	.0	.0	54.3	38.8	3.9	40.3	64.0	88	17
Prairie	1,292	15.5	.0	.0	.0	.0	15.5	.0	.0	12.8	22.9	2	54
Ravalli	16,515	2.4	.0	.0	.0	.0	30.3	19.4	6.1	20.4	29.4	15	50
Richland	9,403	2.1	2.1	.0	.0	.0	57.4	17.0	2.1	31.5	42.2	57	37
Roosevelt	7,560	60.8	18.5	.0	2.6	.0	60.8	7.9	26.5	85.7	131.1	99	2
Rosebud	7,901	35.4	12.7	2.5	2.5	.0	70.9	22.8	25.3	78.5	113.6	99	4
Sanders	6,309	12.7	3.2	3.2	.0	.0	57.1	34.9	.0	42.5	61.5	88	19
Sheridan	4,171	14.4	4.8	.0	.0	.0	38.4	4.8	4.8	30.0	43.6	57	38
Silver Bow	26,080	19.9	6.9	.8	.8	.0	36.8	19.2	10.0	40.6	60.4	86	22
Stillwater	4,168	9.6	.0	.0	.0	.0	62.4	24.0	.0	34.9	51.1	74	27
Sweet Grass	2,293	17.4	.0	.0	8.7	.0	34.9	43.6	.0	39.3	59.9	85	23
Teton	4,571	13.1	.0	.0	.0	.0	26.3	13.1	4.4	21.1	34.0	24	48
Toole	4,018	14.9	5.0	.0	.0	.0	44.8	34.8	10.0	41.6	62.2	88	20
Treasure	720	.0	.0	.0	.0	.0	27.8	27.8	27.8	30.3	42.8	56	40
Valley	7,059	2.8	2.8	.0	.0	.0	36.8	17.0	.0	22.9	31.3	22	49
Wheatland	1,618	24.7	.0	12.4	.0	.0	37.1	24.7	.0	43.0	64.7	90	16
Wibaux	1,027	.0	19.5	.0	.0	.0	58.4	39.0	.0	51.8	64.9	93	10
Yellowstone	83,544	10.8	4.3	.7	.0	.0	32.1	20.8	4.8	29.3	43.0	55	41
Yellowstone National Park	222	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	...	...
Nebraska	1,127,989	9.5	1.7	.4	.2	.1	23.8	12.8	4.2	20.9	31.5	-	-
Adams	22,243	9.0	5.4	.0	.9	.0	15.3	19.8	.0	20.4	30.3	16	55
Antelope	5,787	6.9	3.5	.0	.0	.0	31.1	6.9	3.5	22.4	31.3	22	48
Arthur	392	.0	.0	.0	.0	.0	203.9	.0	.0	85.6	108.1	99	2
Banner	730	.0	.0	.0	.0	.0	27.4	.0	.0	11.5	14.5	0	87
Blaine	542	.0	.0	.0	.0	.0	221.2	.0	.0	92.9	117.3	99	1
Boone	4,991	4.0	.0	.0	.0	.0	28.0	4.0	.0	14.2	20.2	1	82
Box Butte	9,601	10.4	4.2	4.2	.0	.0	16.7	16.7	.0	22.9	33.2	26	42
Boyd	2,266	.0	.0	.0	.0	.0	44.1	17.7	.0	22.1	29.9	18	51
Brown	3,006	20.0	6.7	.0	.0	.0	33.3	20.0	.0	32.8	50.6	71	10
Buffalo	26,731	3.0	1.5	.0	.0	.0	20.2	12.0	4.5	15.7	22.3	3	76
Burt	5,962	10.1	3.4	.0	.0	.0	47.0	13.4	.0	29.9	42.8	55	22
Butler	6,160	6.5	3.2	.0	.0	.0	35.7	13.0	3.2	25.0	35.2	33	37
Cass	14,759	5.4	.0	.0	.0	.0	25.7	8.1	2.7	15.9	23.5	4	71
Cedar	7,256	5.5	.0	.0	.0	.0	35.8	22.1	2.8	23.0	34.2	28	40
Chase	3,159	19.0	.0	.0	.0	.0	38.0	19.0	.0	27.5	45.2	55	21
Cherry	4,918	16.3	8.1	.0	.0	.0	28.5	20.3	.0	30.8	46.2	61	17

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Cheyenne	7,232	13.8	5.5	0.0	0.0	0.0	38.7	24.9	0.0	32.4	48.4	67	12
Clay	5,395	7.4	7.4	.0	.0	.0	18.5	7.4	3.7	21.5	29.4	16	54
Colfax	6,636	6.0	.0	.0	.0	.0	36.2	9.0	.0	19.5	28.2	12	61
Cuming	7,694	10.4	2.6	.0	.0	.0	26.0	13.0	.0	20.4	31.1	17	53
Custer	9,409	6.4	.0	2.1	.0	.0	21.3	10.6	.0	15.8	23.4	4	72
Dakota	11,785	6.8	1.7	.0	.0	.0	32.2	17.0	3.4	23.0	33.7	27	41
Dawes	7,003	8.6	8.6	.0	.0	.0	31.4	11.4	.0	27.6	37.6	42	28
Dawson	15,133	4.0	.0	.0	.0	.0	25.1	13.2	1.3	15.4	22.8	3	74
Deuel	1,638	12.2	12.2	.0	.0	.0	48.8	36.6	12.2	50.8	71.1	95	5
Dixon	4,719	.0	4.2	.0	.0	.0	42.4	12.7	.0	24.6	31.4	25	43
Dodge	25,066	5.6	.8	.0	.8	.0	27.1	8.8	.8	17.4	25.0	6	69
Douglas	294,215	14.1	1.4	.3	.1	.0	18.0	10.9	10.1	22.1	35.2	28	39
Dundy	2,005	.0	.0	.0	.0	.0	10.0	39.9	.0	12.2	20.0	1	84
Fillmore	5,286	15.1	3.8	.0	.0	.0	45.4	15.1	.0	32.1	47.8	66	13
Franklin	2,921	20.5	.0	.0	.0	.0	41.1	20.5	.0	29.8	48.9	64	16
Frontier	2,583	7.7	.0	.0	.0	.0	7.7	.0	7.7	10.1	16.4	0	86
Furnas	4,401	.0	.0	.0	.0	.0	27.3	22.7	.0	16.0	22.9	4	73
Gage	17,476	8.0	5.7	.0	.0	.0	32.0	10.3	4.6	26.7	37.1	39	31
Garden	1,964	.0	.0	.0	.0	.0	30.6	30.6	.0	18.9	27.5	10	62
Garfield	1,591	12.6	12.6	.0	.0	.0	37.7	50.3	.0	43.6	63.1	89	6
Gosper	1,506	13.3	.0	.0	.0	.0	39.8	26.6	.0	27.5	43.6	53	24
Grant	628	.0	.0	.0	.0	.0	63.7	.0	.0	26.7	33.7	33	35
Greeley	2,231	.0	.0	.0	9.0	.0	35.9	.0	.0	24.0	28.0	18	50
Hall	34,041	8.2	.0	.6	.6	.0	22.3	18.2	4.1	19.5	30.2	14	57
Hamilton	6,302	3.2	.0	.0	.0	.0	34.9	6.3	3.2	18.7	25.9	8	64
Harlan	2,915	.0	.0	.0	.0	.0	6.9	13.7	13.7	12.1	17.5	0	85
Hayes	946	.0	.0	.0	.0	.0	63.4	.0	.0	26.6	33.6	33	36
Hitchcock	2,716	14.7	.0	.0	.0	.0	22.1	7.4	.0	16.8	28.4	9	63
Holt	9,248	4.3	.0	.0	.0	.0	38.9	6.5	2.2	20.4	28.5	13	58
Hooker	726	27.5	.0	.0	.0	.0	.0	82.6	.0	27.8	56.7	72	9
Howard	4,606	4.3	.0	.0	.0	.0	39.1	34.7	8.7	29.2	43.2	55	23
Jefferson	6,842	8.8	2.9	2.9	.0	.0	43.8	17.5	.0	31.4	43.9	59	19
Johnson	3,595	11.1	.0	.0	.0	.0	44.5	27.8	.0	28.8	44.5	56	20
Kearney	4,790	20.9	.0	.0	4.2	.0	16.7	20.9	.0	23.9	40.6	41	29
Keith	6,527	15.3	.0	.0	6.1	.0	36.8	39.8	3.1	37.3	56.9	82	7
Keya Paha	885	.0	.0	.0	.0	.0	45.2	22.6	.0	23.5	32.3	25	44
Kimball	3,428	17.5	.0	.0	.0	.0	58.3	5.8	.0	32.8	49.7	70	11
Knox	7,585	18.5	.0	.0	.0	.0	42.2	13.2	2.6	29.2	46.5	60	18
Lancaster	149,986	6.4	1.5	.5	.0	.4	13.9	11.5	2.5	14.3	21.7	2	79
Lincoln	24,692	11.3	4.0	.8	.0	.0	25.9	14.6	3.2	24.8	36.8	36	34
Logan	644	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	...	...
Loup	636	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	...	...
McPherson	427	.0	.0	.0	.0	.0	93.8	.0	.0	39.4	49.7	78	8
Madison	22,215	3.6	.0	.9	.0	.0	35.1	11.7	.9	19.9	27.8	12	60
Merrick	6,037	3.3	3.3	.0	.0	.0	46.4	6.6	.0	25.5	33.5	31	38
Morrill	4,062	4.9	4.9	.0	.0	.0	44.3	9.8	4.9	29.8	39.9	50	25
Nance	3,164	25.3	.0	.0	.0	.0	25.3	19.0	.0	24.8	44.4	49	26
Nemaha	5,954	10.1	.0	.0	.0	.0	23.5	3.4	.0	14.7	23.3	3	77
Nuckolls	4,618	34.6	4.3	.0	.0	.0	21.7	4.3	.0	28.5	50.3	64	15
Otoe	10,302	13.6	.0	.0	.0	.0	36.9	11.6	3.9	25.2	39.3	40	30
Pawnee	2,610	.0	.0	.0	7.7	.0	15.3	23.0	.0	18.7	24.3	6	68
Perkins	2,550	.0	.0	.0	.0	.0	15.7	15.7	.0	9.7	14.1	0	88
Phelps	6,867	5.8	.0	.0	2.9	.0	29.1	14.6	.0	20.4	29.3	14	56
Pierce	5,683	3.5	.0	.0	.0	.0	21.1	17.6	.0	13.8	21.0	2	81
Platte	20,166	6.9	1.0	1.0	.0	.0	31.7	6.9	4.0	21.4	30.5	18	52
Polk	4,028	.0	.0	.0	.0	.0	14.9	39.7	.0	14.2	22.6	2	78
Red Willow	9,033	11.1	2.2	.0	.0	.0	35.4	24.4	.0	26.5	40.5	45	27
Richardson	7,572	7.9	2.6	.0	.0	.0	26.4	5.3	.0	18.0	26.1	7	66
Rock	1,596	.0	.0	.0	.0	.0	12.5	.0	.0	5.3	6.6	0	90
Saline	9,017	6.7	.0	.0	.0	.0	31.1	24.4	2.2	21.7	33.2	24	46

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirr-hosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide	Range of Rates		Rank in U.S. (Per-cen-tile)	Rank in State
										Mini-mum	Maxi-mum		
Sarpy	62,874	5.1	0.6	0.3	0.0	0.0	15.9	11.8	2.2	13.1	20.0	1	83
Saunders	12,686	12.6	1.6	.0	.0	.0	31.5	17.3	1.6	24.2	37.7	36	33
Scotts Bluff	26,656	15.0	3.8	.8	.8	.8	37.5	14.3	3.0	32.2	47.3	65	14
Seward	11,185	3.6	.0	.0	1.8	.0	28.6	14.3	.0	18.1	25.6	7	67
Sheridan	5,141	31.1	11.7	3.9	.0	.0	50.6	23.3	.0	54.2	80.6	97	4
Sherman	2,713	.0	7.4	.0	.0	.0	22.1	14.7	.0	19.6	24.6	7	65
Sioux	1,340	.0	.0	.0	.0	.0	14.9	.0	.0	6.3	7.9	0	89
Stanton	4,323	9.3	.0	.0	.0	.0	18.5	13.9	.0	14.3	23.7	3	75
Thayer	5,045	15.9	.0	.0	.0	.0	31.7	4.0	.0	20.6	33.3	22	47
Thomas	670	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	...	...
Thurston	4,682	34.2	8.5	8.5	.0	.0	42.7	21.4	21.4	63.3	93.8	98	3
Valley	3,938	10.2	5.1	.0	.0	.0	15.2	10.2	10.2	22.4	33.1	24	45
Washington	10,893	3.7	1.8	1.8	.0	.0	18.4	5.5	1.8	14.9	20.1	2	80
Wayne	7,306	.0	5.5	2.7	.0	.0	27.4	10.9	.0	21.9	26.8	13	59
Webster	3,236	12.4	6.2	.0	.0	.0	30.9	6.2	.0	25.5	36.6	37	32
Wheeler	723	.0	.0	.0	.0	.0	55.3	.0	.0	23.2	29.3	19	49
York	10,548	5.7	1.9	.0	.0	.0	24.6	9.5	.0	16.5	23.9	5	70
Nevada	662,289	22.1	5.1	.6	.2	.2	35.1	29.5	15.3	43.0	66.5	-	-
Churchill	10,198	29.4	7.8	3.9	2.0	.0	56.9	29.4	3.9	57.4	85.2	97	8
Clark	385,917	19.5	3.5	.4	.2	.2	31.3	27.4	19.0	39.8	61.7	86	14
Douglas	15,744	10.2	1.3	1.3	.0	.0	41.9	16.5	7.6	31.2	45.4	61	17
Elko	13,961	31.5	12.9	4.3	.0	.0	64.5	48.7	7.2	70.3	103.9	99	3
Esmeralda	874	22.9	.0	.0	22.9	.0	114.4	91.6	.0	98.6	139.2	99	2
Eureka	856	.0	23.4	.0	.0	.0	23.4	23.4	.0	37.8	44.4	69	16
Humboldt	7,364	19.0	2.7	.0	.0	.0	51.6	21.7	10.9	41.6	63.1	88	13
Lander	3,104	12.9	.0	.0	.0	6.4	70.9	45.1	38.7	68.7	97.7	98	5
Lincoln	2,444	24.5	.0	.0	.0	.0	81.8	16.4	16.4	55.4	83.2	97	9
Lyon	10,706	28.0	7.5	3.7	.0	.0	69.1	20.5	5.6	58.5	85.7	98	7
Mineral	4,416	54.4	18.1	.0	9.1	.0	40.8	72.5	27.2	93.8	144.6	99	1
Nye	8,955	13.4	11.2	.0	.0	.0	91.6	33.5	22.3	72.3	99.1	98	4
Pershing	2,511	15.9	8.0	.0	.0	.0	39.8	15.9	31.9	49.4	70.5	94	10
Storey	1,295	46.3	.0	.0	.0	.0	77.2	15.4	.0	54.5	90.7	98	6
Washoe	161,537	26.6	7.8	.2	.0	.1	31.6	33.3	9.4	43.4	68.5	91	12
White Pine	5,734	14.0	7.0	.0	.0	.0	38.4	27.9	7.0	37.7	55.4	81	15
Carson City	26,673	30.7	6.0	.7	.0	.0	32.2	32.2	11.2	44.6	72.2	93	11
New Hampshire	700,930	14.1	1.9	.3	.1	.1	22.7	15.0	1.9	21.6	34.6	-	-
Belknap	32,154	17.4	5.0	.6	.0	.6	23.0	12.4	2.5	26.7	41.2	47	3
Carroll	21,558	9.3	5.6	.0	.9	.0	37.1	9.3	2.8	29.0	40.2	49	1
Cheshire	47,069	13.6	2.5	.8	.0	.0	22.1	12.7	1.7	21.6	33.8	24	7
Coos	24,805	21.8	1.6	.0	.0	.0	27.4	16.1	.8	25.7	43.3	49	2
Grafton	50,610	11.9	1.6	.4	.0	.0	19.0	13.0	1.2	18.0	28.9	11	10
Hillsborough	210,190	13.6	1.3	.1	.0	.0	20.5	15.1	2.2	19.7	32.2	18	9
Merrimack	74,113	13.5	1.1	.3	.0	.0	26.2	18.4	1.9	22.4	36.0	30	5
Rockingham	147,083	14.1	1.8	.3	.0	.1	23.8	16.0	1.8	22.0	35.3	28	6
Strafford	67,126	16.1	.9	.6	.0	.0	20.3	14.6	2.4	20.6	34.4	24	8
Sullivan	26,221	11.4	6.1	.0	.8	.8	23.6	13.7	1.5	25.7	37.1	38	4
New Jersey	5,541,342	17.9	1.9	.3	.2	.0	16.7	9.5	7.4	22.2	36.5	-	-
Atlantic	144,860	21.7	4.1	.6	.1	.0	25.0	12.7	8.3	30.6	48.7	65	2
Bergen	650,288	15.9	.8	.2	.1	.0	12.9	8.7	3.9	16.7	28.9	9	19
Burlington	274,347	13.3	.6	.2	.1	.1	20.5	9.4	3.8	18.7	30.4	13	15
Camden	348,908	13.8	4.4	.2	.2	.2	17.8	12.8	7.9	24.3	37.3	36	11
Cape May	63,533	23.9	5.7	.0	.0	.0	29.6	9.4	4.4	31.9	50.4	69	1
Cumberland	95,716	14.8	.8	1.0	.0	.2	33.4	12.5	5.9	27.5	42.3	50	6
Essex	618,627	22.7	3.0	.5	.3	.0	12.6	7.5	21.2	29.9	48.4	63	3

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Gloucester	147,378	9.9	1.8	0.3	0.3	0.0	22.7	9.1	4.5	19.8	30.0	14	14
Hudson	418,469	26.7	2.3	.2	.2	.0	12.0	8.6	13.1	26.6	46.0	55	5
Hunterdon	66,306	6.3	.9	.3	.0	.0	19.0	10.3	1.5	14.5	22.1	2	21
Mercer	236,681	18.3	4.6	.4	.5	.0	16.6	8.6	8.2	25.5	40.1	43	8
Middlesex	469,504	15.4	.9	.3	.1	.0	15.8	8.7	3.7	17.8	29.9	12	16
Monmouth	374,224	17.5	1.3	.5	.1	.1	17.7	10.2	3.6	20.3	34.0	23	12
Morris	307,278	12.6	.7	.1	.1	.1	17.2	11.7	2.1	16.8	27.8	8	20
Ocean	257,469	23.4	1.3	.1	.2	.0	21.8	10.6	3.9	24.3	41.8	44	7
Passaic	334,906	22.7	1.8	.2	.3	.1	13.7	8.0	10.3	23.8	40.7	40	9
Salem	46,790	15.4	1.3	.0	.4	.0	37.2	11.5	6.0	28.8	44.1	56	4
Somerset	157,106	12.9	1.3	.5	.1	.0	17.6	10.4	1.7	17.4	28.4	9	18
Sussex	83,311	9.8	1.7	.7	.0	.0	21.1	9.8	1.9	18.2	27.8	10	17
Union	383,790	18.2	1.5	.1	.3	.1	12.2	7.6	6.5	19.0	32.6	18	13
Warren	61,852	15.5	1.0	.6	.0	.0	28.5	15.8	1.3	23.7	38.1	36	10
New Mexico	973,897	17.5	9.2	.9	.7	.0	46.8	23.4	14.4	49.1	70.2	-	-
Bernalillo	325,880	15.6	7.1	.7	.3	.0	30.0	23.6	14.5	38.6	56.9	83	26
Catron	1,945	.0	.0	.0	.0	.0	123.4	20.6	20.6	65.6	86.2	98	8
Chaves	37,824	19.0	13.2	.5	.5	.0	38.1	23.8	22.7	53.5	75.9	96	15
Colfax	9,658	12.4	2.1	4.1	.0	.0	31.1	29.0	14.5	37.0	54.5	80	27
Curry	29,867	10.0	4.7	2.0	.7	.0	37.5	12.1	16.1	37.2	51.5	77	28
De Baca	1,676	23.9	.0	.0	.0	.0	59.7	35.8	11.9	47.6	75.2	95	16
Dona Ana	75,220	10.9	3.2	.5	.8	.0	36.4	14.6	10.4	32.1	46.2	64	29
Eddy	34,886	16.1	5.2	.0	.6	.6	45.3	17.2	11.5	40.7	59.3	86	24
Grant	18,246	27.4	3.3	.0	1.1	.0	41.7	23.0	5.5	40.3	64.5	88	21
Guadalupe	3,104	19.3	25.8	.0	.0	.0	77.3	38.7	32.2	89.1	120.0	99	3
Harding	749	.0	.0	.0	.0	.0	.0	26.7	.0	5.3	9.9	0	32
Hidalgo	4,083	24.5	4.9	.0	.0	.0	49.0	4.9	9.8	41.1	62.2	87	23
Lea	41,679	13.9	6.2	.0	.0	.0	44.6	18.2	13.4	40.6	58.5	85	25
Lincoln	9,241	21.6	4.3	2.2	.0	.0	39.0	34.6	15.2	45.8	70.2	93	17
Los Alamos	13,085	4.6	1.5	.0	1.5	.0	30.6	24.5	3.1	24.1	34.6	30	31
Luna	11,636	15.5	12.0	1.7	1.7	.0	58.4	37.8	15.5	61.2	85.0	98	10
McKinley	38,785	32.0	30.4	1.5	.5	.0	114.0	31.5	16.5	107.5	145.5	99	2
Mora	3,008	26.6	6.6	.0	.0	.0	33.2	59.8	19.9	52.9	84.4	97	12
Otero	33,857	23.0	7.1	1.8	2.4	.0	42.5	18.9	8.3	46.2	67.9	92	18
Quay	7,632	15.7	10.5	2.6	.0	.0	47.2	21.0	5.2	46.0	64.1	91	19
Rio Arriba	21,165	36.9	18.0	.9	5.7	.0	106.8	35.9	35.0	108.1	151.8	99	1
Roosevelt	11,958	11.7	3.3	.0	.0	.0	45.2	10.0	5.0	31.5	45.3	61	30
Sandoval	27,555	21.0	13.8	.7	.7	.0	66.8	21.0	13.1	62.3	86.8	98	9
San Juan	58,079	11.0	14.5	3.1	1.0	.0	77.5	24.4	15.5	67.8	89.1	98	6
San Miguel	16,561	26.6	22.9	.0	3.6	.0	42.3	30.2	22.9	72.0	100.1	99	5
Santa Fe	57,878	25.2	10.7	.7	.0	.0	43.5	25.9	16.2	52.8	78.4	96	14
Sierra	6,598	39.4	3.0	.0	.0	.0	42.4	57.6	6.1	51.4	88.2	97	11
Socorro	9,450	14.8	12.7	.0	.0	.0	48.7	16.9	6.3	45.6	62.9	90	20
Taos	14,188	26.8	22.6	.0	1.4	.0	60.6	25.4	24.0	76.7	106.3	99	4
Torrance	5,389	18.6	3.7	.0	.0	.0	96.5	14.8	18.6	63.5	89.9	98	7
Union	3,478	23.0	.0	.0	.0	.0	46.0	40.2	5.7	39.5	64.8	88	22
Valencia	39,538	13.2	7.6	1.0	1.0	.0	70.8	29.3	12.1	56.3	78.3	97	13
New York	13,067,925	22.5	3.3	.2	.1	.0	15.5	10.1	13.9	28.0	45.9	-	-
Albany	214,665	15.6	1.7	.1	.0	.0	14.3	10.8	2.3	17.4	29.6	11	56
Allegany	37,129	10.8	.5	.0	.0	.0	28.0	14.0	3.2	21.0	32.9	22	41
Broome	158,590	13.1	1.5	.8	.1	.0	17.9	13.0	1.6	18.7	30.2	13	51
Cattaraugus	60,340	13.3	2.3	1.0	.0	.0	30.8	14.6	3.6	26.3	40.0	44	12
Cayuga	56,833	14.1	4.2	.4	.0	.4	28.2	10.9	1.4	25.4	38.2	39	15
Chautauqua	104,667	13.9	.6	.6	.4	.0	22.2	11.1	1.9	19.7	31.9	17	48
Chemung	68,174	14.7	2.9	1.2	.3	.0	20.2	12.0	2.1	22.3	34.8	28	31

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Chenango..........	34,397	15.1	0.6	0.6	0.0	0.0	39.5	9.3	1.7	26.6	41.0	47	9
Clinton...........	60,364	12.9	.7	.3	.0	.3	23.5	9.9	1.0	19.0	30.4	14	50
Columbia..........	43,526	13.3	3.2	.5	.5	.0	25.3	15.6	2.3	24.4	37.4	36	18
Cortland..........	35,048	10.8	.6	.0	.0	.0	25.1	9.7	2.9	18.8	29.6	13	54
Delaware..........	33,825	9.5	4.7	.0	.0	.6	23.1	16.6	3.0	23.6	34.5	29	27
Dutchess..........	182,936	14.3	1.5	.1	.0	.0	25.1	12.9	2.6	21.9	35.0	28	32
Erie..............	739,663	19.0	1.3	.5	.1	.0	15.4	11.4	7.5	22.0	37.1	31	22
Essex.............	26,114	13.0	4.6	.8	.0	.0	29.1	13.8	2.3	26.8	39.7	44	11
Franklin..........	31,186	9.6	3.8	.0	.0	.6	34.6	16.0	3.8	28.0	40.4	48	6
Fulton............	39,535	13.7	1.0	.5	.0	.0	28.3	12.6	2.5	22.7	35.8	30	24
Genesee...........	42,187	10.9	1.4	.5	.0	.0	33.7	10.9	1.4	23.4	35.0	30	25
Greene............	29,679	12.8	2.7	.0	.0	.0	34.4	18.2	.7	26.3	40.2	45	10
Hamilton..........	3,658	27.3	5.5	.0	.0	.0	32.8	32.8	10.9	42.2	68.0	91	1
Herkimer..........	47,759	15.5	.8	1.7	.0	.4	24.3	12.6	1.7	22.8	36.2	31	23
Jefferson.........	61,600	15.9	3.2	.0	.0	.0	29.2	13.0	1.6	25.4	39.7	42	13
Lewis.............	17,128	10.5	1.2	.0	1.2	.0	35.0	12.8	1.2	24.5	36.4	35	19
Livingston........	42,483	8.9	.5	.0	.0	.0	29.7	13.7	2.8	20.7	31.5	19	45
Madison...........	48,060	12.1	.4	.8	.4	.0	30.4	9.2	.8	21.6	33.2	23	38
Monroe............	519,358	10.5	5.9	.6	.1	.1	13.8	13.2	6.5	22.5	33.0	24	37
Montgomery........	38,031	18.4	1.6	.0	.0	.0	27.3	12.1	2.1	24.0	39.4	39	16
Nassau............	1,001,870	14.8	1.6	.2	.0	.0	14.4	10.2	4.9	18.3	30.4	13	53
New York City.....	5,357,684	32.8	5.3	.1	.1	.0	9.3	7.8	27.8	37.4	62.2	85	2
Niagara...........	162,456	18.2	1.1	.6	.0	.0	24.0	12.8	5.4	24.4	40.0	40	14
Oneida............	183,145	15.4	1.6	.2	.0	.0	21.8	12.7	2.8	21.2	34.6	25	35
Onondaga..........	341,095	15.1	3.2	.3	.4	.1	17.4	11.1	3.8	21.5	34.1	24	36
Ontario...........	66,123	11.5	1.2	.9	.0	.0	29.0	14.2	2.4	23.0	35.2	30	26
Orange............	189,208	17.4	2.1	.4	.4	.2	26.2	13.3	4.9	26.3	41.7	47	7
Orleans...........	27,722	18.8	1.4	.7	.0	.7	30.3	18.0	1.4	27.6	44.4	54	4
Oswego............	83,076	13.7	2.2	.0	.0	.0	27.7	10.6	1.9	22.4	35.0	29	30
Otsego............	43,762	9.6	.5	.0	.0	.0	26.1	13.3	.9	18.4	28.9	11	55
Putnam............	56,353	13.1	1.1	.0	.4	.4	24.5	9.9	3.5	21.1	33.2	22	40
Rensselaer........	110,884	15.9	1.3	.2	.2	.0	19.8	13.2	1.6	19.9	33.1	20	42
Rockland..........	188,249	11.5	.7	.2	.2	.0	15.8	8.4	4.6	16.3	26.5	6	57
St. Lawrence......	82,251	12.4	1.0	.0	.2	.0	24.8	12.6	1.2	19.8	31.6	17	49
Saratoga..........	114,082	14.4	.4	.2	.0	.0	23.8	11.2	2.3	19.7	32.4	19	46
Schenectady.......	111,046	15.7	1.6	.0	.0	.0	18.2	15.3	1.6	19.5	32.8	19	44
Schoharie.........	21,671	5.5	2.8	.0	.0	.0	36.9	13.8	1.8	24.2	33.9	29	28
Schuyler..........	12,445	19.3	1.6	.0	.0	.0	28.9	8.0	1.6	24.0	39.3	39	17
Seneca............	24,067	11.6	1.7	.8	.0	.0	24.9	10.0	1.7	20.5	31.5	18	47
Steuben...........	69,545	14.7	.9	.3	.3	.0	27.3	13.8	2.6	22.9	36.6	32	21
Suffolk...........	935,997	16.3	1.9	.2	.2	.0	20.8	11.0	4.5	22.1	35.8	29	29
Sullivan..........	49,220	21.1	2.8	.4	.0	.0	34.9	8.1	4.9	30.5	48.0	64	3
Tioga.............	35,305	10.8	.0	.0	.0	.0	25.5	9.6	4.0	18.9	29.8	13	52
Tompkins..........	69,650	9.2	1.1	.3	.0	.0	17.5	15.2	.9	16.0	25.6	6	58
Ulster............	119,003	13.3	.7	.5	.2	.0	29.4	7.9	3.2	22.2	34.5	27	33
Warren............	39,284	17.3	3.6	1.5	.0	.0	27.0	14.8	.0	26.5	41.3	47	8
Washington........	38,866	12.4	1.5	.5	.0	.0	28.8	10.8	1.5	22.1	34.1	26	34
Wayne.............	61,140	10.5	1.6	.0	.0	.0	30.7	9.5	2.0	21.7	32.6	22	39
Westchester.......	652,215	21.6	1.7	.6	.2	.1	13.2	10.9	6.7	22.2	38.4	34	20
Wyoming...........	28,544	15.4	.7	.0	.0	.0	38.5	14.0	1.4	26.7	41.9	48	5
Yates.............	15,035	13.3	.0	.0	.0	.0	25.3	16.0	1.3	19.9	32.8	20	43
North Carolina......	4,478,558	13.1	6.0	.6	1.0	1.9	28.8	15.4	12.4	35.8	50.8	-	-
Alamance..........	76,229	10.0	8.4	.3	1.3	2.6	22.6	16.8	11.3	34.8	47.5	69	64
Alexander.........	18,889	7.4	4.2	2.1	.0	1.1	41.3	18.0	8.5	35.4	48.4	71	58
Alleghany.........	7,061	14.2	2.8	.0	.0	2.8	28.3	28.3	5.7	31.7	48.2	66	68
Anson.............	18,064	18.8	2.2	.0	1.1	2.2	37.6	14.4	22.1	42.3	62.9	89	25
Ashe..............	16,712	3.6	1.2	1.2	.0	4.8	19.1	21.5	6.0	23.8	32.5	26	96
Avery.............	11,178	7.2	7.2	.0	.0	1.8	26.8	14.3	5.4	28.5	38.7	46	88

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Beaufort..........	30,111	22.6	9.3	0.0	1.3	0.7	30.6	17.9	17.9	45.4	67.1	92	12
Bertie............	14,969	14.7	9.4	4.0	.0	2.7	52.1	9.4	14.7	52.7	70.5	95	6
Bladen............	21,846	8.2	5.5	.0	.9	.9	32.0	13.7	19.2	35.9	49.5	73	52
Brunswick.........	29,387	7.5	4.8	.0	.0	.7	36.1	13.6	8.8	30.5	42.4	56	77
Buncombe..........	121,855	14.6	4.6	2.5	1.1	1.8	23.0	20.7	8.7	33.9	49.3	71	61
Burke.............	55,118	13.4	2.9	.4	.7	1.1	25.0	15.6	10.2	29.0	43.4	55	78
Cabarrus..........	65,698	10.7	3.0	.9	2.4	.9	25.6	18.0	10.4	30.9	44.3	59	74
Caldwell..........	50,537	10.7	5.1	1.2	.4	1.2	27.7	17.8	12.7	33.4	47.4	67	67
Camden............	4,214	19.0	.0	4.7	.0	4.7	38.0	14.2	.0	36.1	52.9	78	44
Carteret..........	34,070	14.1	7.0	.0	.0	1.2	22.3	8.8	7.0	28.4	41.2	50	83
Caswell...........	15,938	7.5	3.8	1.3	3.8	.0	41.4	15.1	8.8	36.4	49.1	73	51
Catawba...........	80,269	16.7	2.5	.5	1.7	1.5	32.4	16.9	9.7	34.6	51.7	75	48
Chatham...........	26,182	10.7	10.7	.8	.8	3.8	42.0	11.5	21.4	50.4	66.4	93	8
Cherokee..........	13,987	25.7	10.0	2.9	.0	.0	27.2	20.0	10.0	43.5	65.5	90	17
Chowan............	9,104	15.4	6.6	2.2	2.2	.0	30.8	13.2	8.8	37.0	52.4	78	43
Clay..............	4,972	16.1	4.0	8.0	.0	.0	12.1	20.1	16.1	35.3	51.5	75	47
Cleveland.........	61,302	11.7	6.2	1.3	1.6	2.6	28.4	14.4	17.0	39.3	54.1	81	38
Columbus..........	37,183	11.3	9.1	.5	1.6	3.2	42.5	19.9	18.3	49.6	66.8	93	9
Craven............	55,042	14.5	4.4	.0	1.1	.7	23.6	12.0	9.4	28.9	43.0	54	80
Cumberland........	184,027	11.1	3.9	.7	.9	.9	34.1	12.4	15.4	34.9	49.4	72	56
Currituck.........	8,892	11.2	.0	.0	.0	2.2	31.5	22.5	4.5	26.7	40.8	46	87
Dare..............	11,697	13.7	6.8	.0	.0	.0	29.1	20.5	5.1	31.2	46.1	62	72
Davidson..........	85,440	10.3	6.6	.5	.0	1.6	33.9	17.1	9.6	35.1	48.9	72	57
Davie.............	19,043	12.6	2.1	.0	1.1	1.1	30.5	18.9	4.2	27.9	42.0	51	82
Duplin............	29,598	14.9	8.8	1.4	.7	2.7	41.9	7.4	11.5	44.1	59.9	88	28
Durham............	118,507	11.5	10.5	.7	2.4	2.5	17.4	13.8	15.9	38.3	51.4	78	42
Edgecombe.........	40,985	16.1	9.8	.5	2.9	2.9	28.8	11.2	16.1	44.6	61.1	89	24
Forsyth...........	188,454	16.8	7.3	.5	1.4	1.2	20.3	17.0	11.4	34.5	50.6	73	53
Franklin..........	22,817	16.7	7.0	.9	.0	7.0	43.0	11.4	27.2	54.8	75.1	96	4
Gaston............	121,090	16.5	1.7	2.0	.3	1.3	30.2	14.5	15.9	35.1	52.5	76	46
Gates.............	6,605	15.1	6.1	.0	.0	3.0	36.3	18.2	9.1	38.5	55.3	81	37
Graham............	5,194	11.6	3.9	.0	3.9	3.9	46.2	15.4	7.7	42.4	57.6	86	34
Granville.........	26,235	9.9	8.4	1.5	1.5	1.5	36.6	19.8	13.7	42.8	57.9	86	33
Greene............	11,629	12.0	13.8	1.7	1.7	.0	55.0	17.2	13.8	55.2	73.0	96	5
Guilford..........	242,338	12.7	7.6	.2	.7	1.7	24.0	15.3	11.5	33.9	47.9	69	65
Halifax...........	39,792	20.6	8.5	.0	2.0	3.0	29.7	10.6	13.1	42.7	61.1	88	29
Harnett...........	45,412	10.1	10.1	.0	.9	1.8	41.8	16.3	18.5	46.4	62.4	90	18
Haywood...........	35,157	12.5	2.8	.0	1.7	1.1	27.3	11.9	5.1	27.1	39.7	45	90
Henderson.........	45,447	13.6	3.5	.0	.0	.9	23.3	21.1	6.6	27.1	41.8	49	84
Hertford..........	16,915	14.2	9.5	.0	.0	.0	31.9	16.6	11.8	37.6	53.5	79	40
Hoke..............	14,723	10.9	10.9	1.4	.0	4.1	32.6	12.2	17.7	45.2	59.7	88	26
Hyde..............	4,256	9.4	.0	.0	.0	.0	32.9	14.1	4.7	22.7	34.6	28	95
Iredell...........	61,705	12.0	5.5	.6	.3	2.9	27.6	13.9	12.0	34.3	48.2	70	63
Jackson...........	20,153	10.9	2.0	1.0	2.0	1.0	17.9	14.9	8.9	25.1	37.0	37	94
Johnston..........	53,660	11.6	8.2	.4	.4	2.6	47.3	20.5	14.9	47.3	64.7	91	14
Jones.............	7,054	11.3	5.7	.0	.0	.0	19.8	19.8	5.7	25.3	37.9	39	93
Lee...............	28,055	17.1	7.8	1.4	2.1	2.1	38.5	16.4	12.1	45.7	64.0	91	15
Lenoir............	43,702	17.4	7.3	.9	2.3	5.0	29.7	17.4	13.7	45.1	63.1	90	20
Lincoln...........	31,809	7.5	1.9	.0	.0	4.4	41.5	17.6	11.9	35.9	49.6	74	50
McDowell..........	25,891	7.0	3.1	.0	1.5	2.3	27.8	15.4	7.7	28.2	39.0	46	89
Macon.............	16,300	4.9	3.7	1.2	1.2	2.5	20.9	12.3	3.7	23.5	31.2	23	98
Madison...........	12,374	4.8	4.8	1.6	.0	.0	38.8	12.9	16.2	34.9	46.8	69	66
Martin............	18,871	15.9	4.2	.0	2.1	2.1	33.9	12.7	13.8	38.3	55.1	81	39
Mecklenburg.......	316,017	15.9	4.1	.2	1.5	2.8	20.4	13.7	18.2	34.9	51.2	74	49
Mitchell..........	10,716	13.1	3.7	.0	1.9	.0	39.2	11.2	3.7	31.4	45.3	61	73
Montgomery........	16,420	6.1	8.5	1.2	.0	2.4	32.9	17.1	29.2	45.6	60.4	89	22
Moore.............	38,724	23.8	5.2	1.0	2.1	2.1	37.2	15.5	10.8	43.9	65.3	91	16
Nash..............	50,083	12.8	8.8	.8	2.4	4.8	40.7	15.6	14.0	48.8	65.2	92	11
New Hanover.......	80,311	16.2	6.7	.5	.7	.2	24.2	12.7	9.2	31.9	47.0	65	69
Northampton.......	16,665	10.8	8.4	.0	.0	3.6	31.2	7.2	21.6	41.1	55.3	83	36

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Onslow	92,480	7.1	1.7	0.9	0.4	0.4	23.4	10.2	6.3	21.2	30.4	17	100
Orange	63,632	6.3	8.2	.9	.6	1.3	23.6	9.4	8.8	29.5	38.6	47	86
Pamlico	7,723	28.5	5.2	.0	.0	.0	62.2	7.8	5.2	47.0	71.4	94	7
Pasquotank	21,189	7.6	3.8	.0	.9	2.8	14.2	11.3	9.4	23.3	32.5	25	97
Pender	16,841	21.4	7.1	1.2	2.4	3.6	33.3	20.2	13.1	47.2	68.0	93	10
Perquimans	7,061	19.8	2.8	.0	.0	.0	36.8	8.5	11.3	33.5	51.6	73	54
Person	21,617	14.8	7.4	.0	.0	.0	35.2	29.6	15.7	41.6	61.1	87	31
Pitt	69,641	8.3	9.5	1.1	.3	2.0	22.4	16.4	9.5	33.5	44.8	64	71
Polk	10,011	16.0	14.0	.0	.0	2.0	28.0	10.0	10.0	41.0	56.1	84	35
Randolph	70,102	9.4	6.0	.3	.9	1.4	36.5	14.6	9.1	35.0	48.1	70	62
Richmond	32,826	19.5	6.1	1.2	.0	1.8	36.6	9.7	24.4	45.9	66.2	92	13
Robeson	71,859	12.8	4.7	.3	.6	2.5	44.0	12.2	22.8	45.0	62.7	90	21
Rockingham	62,179	15.4	4.8	1.3	1.9	3.2	36.0	23.5	11.3	42.7	60.9	87	30
Rowan	74,727	12.6	5.6	.0	.5	2.1	30.2	19.0	10.2	34.7	49.8	72	55
Rutherford	40,052	10.5	5.0	.5	2.5	2.0	34.5	12.5	8.5	35.2	48.3	71	60
Sampson	36,107	11.1	7.8	.0	.0	4.4	41.5	19.4	11.1	43.3	59.0	87	32
Scotland	23,437	22.2	6.8	.0	.0	2.6	39.3	9.4	15.4	44.1	64.6	90	19
Stanly	36,335	11.0	5.0	.0	.0	2.2	25.9	17.1	6.1	28.8	41.5	51	81
Stokes	24,620	11.4	2.4	1.6	.0	2.4	36.6	13.8	11.4	34.6	49.1	71	59
Surry	43,967	12.7	7.3	.0	.9	1.8	21.4	21.4	7.7	32.1	46.3	64	70
Swain	7,579	18.5	10.6	.0	.0	7.9	50.1	21.1	29.0	65.0	89.0	98	1
Transylvania	18,259	9.9	11.0	.0	.0	.0	26.3	12.0	4.4	30.5	41.5	54	79
Tyrrell	2,845	14.1	7.0	.0	.0	.0	21.1	21.1	21.1	35.8	52.9	77	45
Union	52,790	7.2	3.8	.0	.8	1.1	28.4	18.2	5.7	26.9	37.9	41	91
Vance	26,659	22.5	16.5	1.5	3.8	2.3	32.3	9.8	14.3	55.4	75.2	96	3
Wake	248,435	10.7	5.3	.3	.7	1.2	20.4	14.7	9.9	28.1	40.3	48	85
Warren	11,605	10.3	12.1	3.4	.0	.0	39.6	20.7	10.3	45.4	60.6	89	23
Washington	10,361	15.4	5.8	1.9	1.9	1.9	29.0	21.2	5.8	37.0	53.2	79	41
Watauga	26,086	10.7	.0	.8	.0	.8	22.2	16.9	3.8	20.4	32.2	20	99
Wayne	71,498	17.3	7.0	.6	1.1	2.5	30.8	15.4	18.2	42.8	61.3	88	27
Wilkes	44,007	8.2	2.3	.9	.9	2.3	31.4	18.2	9.5	31.0	43.6	58	76
Wilson	46,656	22.3	17.1	.4	.9	2.1	40.3	24.9	16.7	59.5	83.0	97	2
Yadkin	21,548	13.9	2.8	.0	.0	.0	35.3	20.4	4.6	29.6	45.2	59	75
Yancey	11,145	9.0	3.6	.0	.0	1.8	34.1	9.0	3.6	26.9	37.6	40	92
North Dakota	476,438	10.5	3.1	.7	.1	.0	24.3	14.8	2.3	22.4	33.7	-	-
Adams	2,504	8.0	16.0	.0	.0	.0	16.0	16.0	.0	29.2	37.9	46	16
Barnes	9,830	16.3	2.0	.0	.0	.0	34.6	6.1	2.0	25.4	39.4	41	18
Benson	5,031	19.9	11.9	.0	.0	.0	75.5	27.8	4.0	59.2	83.7	97	3
Billings	882	.0	.0	.0	.0	.0	68.0	.0	.0	28.6	36.0	41	19
Bottineau	6,424	6.2	.0	.0	.0	.0	15.6	24.9	.0	14.1	23.4	3	43
Bowman	2,950	.0	.0	.0	.0	.0	27.1	.0	.0	11.4	14.4	0	52
Burke	2,654	.0	.0	.0	.0	.0	52.8	15.1	.0	25.2	33.5	30	25
Burleigh	41,141	5.3	1.0	1.0	.0	.0	15.6	15.1	1.9	14.6	22.1	2	44
Cass	68,832	10.2	2.3	.3	.0	.0	14.2	15.1	2.0	16.7	26.7	7	38
Cavalier	5,090	7.9	.0	.0	.0	.0	27.5	15.7	.0	17.9	27.9	9	34
Dickey	4,867	4.1	.0	.0	.0	.0	28.8	8.2	.0	15.4	22.2	3	42
Divide	2,527	15.8	.0	7.9	.0	.0	15.8	15.8	.0	24.2	37.2	36	23
Dunn	3,409	17.6	.0	5.9	.0	.0	46.9	5.9	5.9	36.7	53.4	78	7
Eddy	2,378	.0	.0	.0	.0	.0	50.5	8.4	.0	22.9	29.9	20	30
Emmons	3,932	.0	.0	.0	.0	.0	15.3	25.4	.0	11.5	17.5	0	50
Foster	3,094	6.5	12.9	.0	.0	.0	25.9	19.4	.0	30.3	40.0	51	15
Golden Valley	1,765	.0	.0	.0	.0	.0	22.7	.0	.0	9.5	12.0	0	53
Grand Forks	50,157	6.8	3.2	.8	.0	.0	11.2	11.6	1.2	14.3	21.4	2	48
Grant	2,923	.0	.0	.0	.0	.0	34.2	6.8	.0	15.7	20.7	2	46
Griggs	2,577	15.5	.0	.0	.0	.0	15.5	.0	.0	12.9	23.0	2	47
Hettinger	2,937	13.6	13.6	6.8	.0	.0	20.4	13.6	.0	37.3	49.2	75	9

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Kidder	2,665	7.5	15.0	0.0	0.0	0.0	0.0	0.0	0.0	18.1	22.1	5	41
La Moure	4,287	.0	.0	.0	.0	.0	51.3	.0	.0	21.6	27.2	13	31
Logan	2,378	42.1	.0	.0	.0	.0	8.4	25.2	.0	25.8	53.8	66	11
McHenry	5,336	15.0	3.7	.0	.0	.0	33.7	3.7	.0	24.8	37.3	37	21
McIntosh	3,316	12.1	.0	.0	.0	.0	12.1	18.1	6.0	16.5	28.4	8	36
McKenzie	5,451	22.0	.0	.0	3.7	.0	77.1	33.0	3.7	53.4	80.0	97	5
McLean	8,653	6.9	11.6	.0	.0	.0	20.8	11.6	2.3	26.5	34.9	36	22
Mercer	8,503	4.7	.0	.0	.0	.0	23.5	23.5	.0	16.5	25.6	6	40
Morton	17,547	6.8	3.4	.0	.0	.0	20.5	17.1	1.1	18.8	27.8	10	33
Mountrail	5,314	22.6	3.8	3.8	.0	.0	75.3	26.3	3.8	55.4	81.0	97	4
Nelson	3,548	11.3	5.6	.0	.0	.0	28.2	11.3	.0	24.4	35.5	32	24
Oliver	1,825	11.0	.0	.0	.0	.0	32.9	21.9	.0	22.7	36.0	30	26
Pembina	7,041	17.0	2.8	.0	.0	.0	28.4	8.5	5.7	26.1	40.9	45	17
Pierce	4,175	4.8	.0	.0	.0	.0	33.5	24.0	4.8	23.1	34.3	28	27
Ramsey	9,101	24.2	.0	.0	.0	.0	24.2	6.6	4.4	23.4	41.0	40	20
Ransom	4,508	8.9	.0	.0	.0	.0	22.2	17.7	.0	16.5	26.8	7	39
Renville	2,483	.0	.0	.0	.0	.0	24.2	8.1	8.1	15.5	20.9	2	45
Richland	14,089	15.6	.0	.0	.0	.0	22.7	4.3	1.4	17.5	29.4	11	32
Rolette	8,200	39.0	9.8	.0	.0	.0	48.8	19.5	12.2	55.9	87.7	97	2
Sargent	3,765	.0	5.3	5.3	.0	.0	47.8	26.6	.0	36.0	45.8	69	10
Sheridan	1,998	10.0	.0	.0	.0	.0	60.1	10.0	10.0	36.0	51.4	76	8
Sioux	2,254	106.5	62.1	26.6	.0	.0	62.1	35.5	44.4	186.4	264.3	99	1
Slope	844	23.7	23.7	.0	.0	.0	47.4	.0	.0	53.3	71.3	95	6
Stark	17,770	9.0	.0	1.1	.0	.0	23.6	19.1	5.6	21.2	32.9	22	29
Steele	2,126	.0	.0	.0	.0	.0	18.8	18.8	.0	11.7	16.9	0	51
Stutsman	17,220	13.9	9.3	.0	.0	1.2	26.7	18.6	2.3	32.2	46.2	64	12
Towner	2,928	6.8	.0	.0	.0	.0	27.3	34.2	.0	21.1	33.6	23	28
Traill	6,724	11.9	3.0	.0	.0	.0	3.0	17.8	.0	12.7	22.5	2	49
Walsh	11,026	9.1	7.3	.0	.0	.0	29.0	27.2	1.8	29.5	42.5	54	14
Ward	42,994	8.8	.9	.5	.5	.0	21.4	13.5	.9	17.6	27.2	8	37
Wells	4,708	4.2	.0	.0	.0	.0	21.2	17.0	8.5	18.1	27.0	8	35
Williams	17,758	9.0	4.5	1.1	.0	.0	47.3	10.1	2.3	32.3	44.5	61	13
Ohio	7,837,714	12.7	1.6	.4	.1	.1	20.6	14.9	7.6	22.6	35.5	-	-
Adams	16,691	6.0	.0	2.4	.0	.0	43.1	22.8	3.6	29.2	41.7	52	8
Allen	78,057	11.0	1.5	.0	.0	.0	23.6	11.5	7.9	22.0	33.8	25	34
Ashland	33,270	13.8	.6	.0	.0	.6	19.2	11.4	1.8	18.1	29.9	12	64
Ashtabula	72,599	12.1	1.7	.0	.0	.0	33.3	15.7	6.6	26.9	40.9	47	10
Athens	43,821	5.9	.0	.5	.0	.0	18.7	9.1	1.4	13.2	20.3	1	88
Auglaize	29,906	5.3	2.7	.0	.0	.0	25.4	11.4	2.7	19.1	27.1	10	69
Belmont	59,438	12.4	1.7	.0	.3	.0	18.5	11.4	2.0	18.1	29.2	11	67
Brown	22,757	8.8	.9	1.8	.0	.0	22.9	20.2	4.4	21.9	33.4	24	36
Butler	191,553	8.9	2.1	.2	.2	.3	20.6	17.9	6.2	21.6	32.7	22	39
Carroll	18,498	6.5	.0	.0	.0	.0	30.3	9.7	2.2	18.3	27.2	9	71
Champaign	23,911	3.3	.8	.0	.0	.0	27.6	15.1	2.5	18.0	25.8	7	77
Clark	107,142	16.4	1.3	.4	.2	.0	19.2	18.7	5.4	23.0	38.0	35	18
Clermont	93,286	5.8	.2	.2	.0	.0	29.8	15.7	4.7	20.7	30.5	17	56
Clinton	24,694	8.1	.8	.0	.0	.0	29.2	16.2	4.9	21.9	33.1	24	38
Columbiana	80,875	12.6	.7	.0	.2	.0	24.7	11.4	4.5	20.9	33.1	22	42
Coshocton	25,479	14.9	2.4	.0	.0	.0	38.5	20.4	3.1	30.2	46.5	61	3
Crawford	35,227	11.4	1.1	.0	.0	.0	32.4	9.1	2.3	22.3	33.9	26	33
Cuyahoga	1,104,313	21.3	1.9	.7	.2	.1	17.1	18.4	19.4	31.6	51.4	70	1
Darke	37,912	6.3	.5	.0	.5	.0	38.5	17.4	3.2	24.8	35.9	34	20
Defiance	27,222	5.9	2.2	.0	.0	.0	33.1	14.7	3.7	23.2	33.1	26	31
Delaware	40,391	10.9	1.0	.0	.0	.0	28.7	13.4	.5	20.4	31.8	19	51
Erie	56,528	15.6	3.5	1.4	.0	.0	32.9	13.1	3.9	29.6	44.5	58	4
Fairfield	66,488	5.4	1.2	.3	.3	.0	23.5	13.2	3.6	18.2	26.6	8	74
Fayette	19,195	7.3	1.0	.0	.0	.0	28.1	4.2	1.0	17.2	25.1	6	79

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Franklin..........	663,795	10.6	2.7	0.2	0.1	0.2	12.9	13.2	3.7	17.3	27.3	8	75
Fulton............	26,273	4.6	.0	.8	.0	.0	41.1	12.9	2.3	23.6	33.1	27	30
Gallia............	21,654	11.1	.9	.9	.0	.0	29.6	13.9	3.7	23.3	35.5	31	25
Geauga............	53,065	7.9	.8	.0	.0	.0	26.4	12.8	3.0	19.1	28.9	12	65
Greene............	96,014	8.5	2.1	.0	.0	.2	20.6	12.1	2.7	18.1	27.5	9	70
Guernsey..........	28,907	9.7	.0	.0	.0	.0	29.1	18.0	4.2	21.7	33.9	25	35
Hamilton..........	636,255	14.2	3.7	.9	.1	.0	13.9	16.9	8.3	23.6	37.1	34	19
Hancock...........	46,255	7.4	.4	.0	.0	.0	25.5	18.2	3.5	19.4	29.9	14	61
Hardin............	23,149	4.3	.9	1.7	.0	.0	28.5	12.1	2.6	20.0	27.9	12	66
Harrison..........	12,335	6.5	1.6	.0	.0	.0	29.2	16.2	1.6	20.5	30.3	16	58
Henry.............	19,850	6.0	.0	.0	.0	.0	53.4	16.1	3.0	29.6	41.9	53	7
Highland..........	23,684	10.1	.8	.0	.0	.0	34.6	22.8	2.5	25.3	38.9	40	15
Hocking...........	17,341	17.3	1.2	.0	.0	.0	13.8	23.1	4.6	20.8	36.4	28	27
Holmes............	19,341	3.1	.0	.0	.0	.0	30.0	11.4	1.0	16.6	23.7	5	82
Huron.............	38,171	11.0	.5	.5	.0	.0	34.1	17.3	.5	23.6	36.3	32	21
Jackson...........	21,444	8.4	1.9	.0	.0	.0	28.9	9.3	1.9	20.2	29.8	15	59
Jefferson.........	65,672	14.3	1.5	.0	.6	.3	15.8	13.7	5.2	20.1	32.8	20	47
Knox..............	34,155	7.0	.6	.6	.0	.0	18.2	15.2	1.2	15.3	23.8	4	83
Lake..............	157,196	11.8	.8	.1	.0	.0	21.6	15.8	3.2	19.5	31.5	16	57
Lawrence..........	44,724	14.8	.4	.4	.0	.0	20.6	9.8	5.4	20.1	32.9	20	46
Licking...........	88,643	8.3	1.6	.5	.2	.0	18.0	14.7	3.2	17.7	27.2	8	73
Logan.............	27,613	15.9	2.2	.7	.0	.0	36.2	21.7	2.2	30.0	46.7	61	2
Lorain............	194,323	11.6	.6	.4	.1	.0	21.3	14.8	6.7	21.0	33.2	22	40
Lucas.............	337,181	17.4	1.6	.1	.3	.0	21.2	19.8	11.2	27.3	44.3	53	6
Madison...........	24,525	7.3	.8	.8	.0	.0	27.7	13.9	1.6	19.8	29.5	14	60
Mahoning..........	208,810	15.2	2.1	.4	.1	.0	16.8	15.7	13.7	25.4	40.5	43	12
Marion............	47,825	10.9	.8	.0	.0	.0	23.8	13.4	5.4	20.5	32.2	20	49
Medina............	79,948	7.5	.8	.5	.0	.3	19.0	15.5	1.8	16.5	25.6	6	80
Meigs.............	16,631	13.2	4.8	.0	.0	.0	25.3	24.1	6.0	28.5	43.5	54	5
Mercer............	26,324	9.1	.0	.0	.0	.0	38.0	9.9	3.8	23.5	34.9	30	26
Miami.............	64,363	8.1	1.2	.6	.0	.0	25.5	12.7	4.7	20.6	30.7	17	55
Monroe............	11,890	11.8	1.7	.0	.0	.0	21.9	25.2	8.4	24.7	39.2	39	16
Montgomery........	418,312	13.6	1.1	.3	.1	.0	20.0	13.0	14.5	25.0	39.2	40	14
Morgan............	9,560	4.2	2.1	.0	.0	.0	20.9	20.9	2.1	17.8	26.2	7	76
Morrow............	18,634	4.3	1.1	.0	.0	.0	20.4	10.7	1.1	14.0	20.6	1	87
Muskingum.........	59,485	13.1	3.7	.0	.3	.0	20.2	12.8	4.4	22.5	34.7	28	28
Noble.............	7,686	7.8	.0	.0	.0	.0	23.4	7.8	.0	14.6	22.7	3	84
Ottawa............	29,067	7.6	1.4	.0	.0	.0	27.5	10.3	2.8	19.4	28.7	12	62
Paulding..........	14,456	4.2	.0	.0	.0	.0	47.0	9.7	2.8	24.7	34.2	31	24
Perry.............	21,456	8.4	.9	.0	.0	.0	31.7	15.8	.9	21.3	32.2	21	44
Pickaway..........	31,662	3.8	1.3	.6	.0	.0	27.8	12.6	2.5	18.8	26.5	9	72
Pike..............	16,698	8.4	3.6	.0	.0	.0	33.5	20.4	3.6	26.9	39.2	44	11
Portage...........	100,891	7.3	.4	.0	.0	.0	25.0	12.9	4.0	18.3	27.9	10	68
Preble............	27,126	11.1	.0	.0	.0	.0	37.6	16.2	5.2	26.0	39.7	43	13
Putnam............	22,613	8.0	.0	.0	.0	.0	36.3	11.5	.9	21.2	31.6	20	48
Richland..........	94,140	14.2	1.3	.4	.2	.0	22.7	13.6	6.2	22.9	36.5	31	22
Ross..............	48,419	12.8	.8	.0	.0	.0	30.2	9.9	1.7	21.5	33.7	24	37
Sandusky..........	44,149	7.2	.5	.0	.0	.0	39.0	10.0	3.2	23.3	33.7	28	29
Scioto............	59,173	14.5	1.0	1.0	.0	.3	21.0	16.6	8.4	24.4	38.8	39	17
Seneca............	43,376	9.2	.5	.0	.0	.0	29.0	12.9	4.6	21.2	32.3	21	43
Shelby............	29,917	6.0	.0	.7	.0	.0	20.7	12.7	4.7	16.6	25.1	6	81
Stark.............	274,109	10.3	.7	.6	.1	.1	21.7	13.7	6.3	20.5	31.9	19	50
Summit............	382,834	12.0	1.3	.1	.1	.0	8.5	10.2	2.0	12.9	22.4	2	86
Trumbull..........	174,969	13.5	.6	.0	.0	.1	22.7	12.6	7.0	21.6	34.7	26	32
Tuscarawas........	61,035	10.8	1.3	.7	.0	.3	28.2	17.4	2.9	23.4	35.8	31	23
Union.............	21,388	3.7	.9	.0	.0	.0	36.5	11.2	.0	20.0	28.0	12	63
Van Wert..........	21,100	8.5	.9	.0	.0	.0	28.4	13.3	4.7	21.3	32.1	21	45
Vinton............	7,881	15.2	.0	.0	.0	.0	25.4	20.3	12.7	26.9	43.5	52	9
Warren............	72,353	7.7	.3	1.4	.0	.0	28.7	12.4	3.0	20.8	30.8	18	54
Washington........	45,772	11.8	.4	.9	.0	.0	26.2	11.8	1.7	20.3	31.9	19	52

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Wayne	70,545	3.7	1.7	0.3	0.0	0.0	21.8	9.6	1.1	15.1	21.3	2	85
Williams	25,385	9.5	1.6	.0	.8	.0	29.9	14.2	.0	21.7	32.5	22	41
Wood	81,189	5.9	.0	.0	.2	.2	26.4	10.3	2.7	17.3	25.6	6	78
Wyandot	15,726	8.9	1.3	.0	.0	.0	31.8	12.7	.0	20.8	31.3	18	53
Oklahoma	2,292,811	11.1	4.4	.5	.2	.2	33.4	17.2	11.4	32.6	47.1	-	-
Adair	13,151	16.7	3.0	.0	.0	.0	66.9	6.1	4.6	41.4	59.6	86	16
Alfalfa	4,949	20.2	4.0	.0	.0	.0	44.5	16.2	4.0	36.1	55.4	80	26
Atoka	9,512	8.4	.0	.0	.0	.0	63.1	6.3	16.8	39.1	54.5	81	23
Beaver	4,919	.0	.0	.0	.0	.0	48.8	16.3	12.2	29.5	39.7	49	61
Beckham	15,279	13.1	1.3	3.9	.0	1.3	39.3	18.3	17.0	40.1	57.5	84	17
Blaine	9,453	48.7	19.0	.0	.0	.0	74.1	12.7	19.0	81.6	121.4	99	1
Bryan	22,670	14.1	3.5	.0	.0	.0	34.4	15.0	14.1	33.4	49.8	71	38
Caddo	22,899	34.1	3.5	.9	.9	.0	66.4	13.1	14.8	56.7	87.1	97	3
Canadian	43,704	11.4	.9	.0	.0	.9	33.4	19.2	8.7	28.5	43.1	54	55
Carter	32,126	8.1	9.3	1.9	.0	.0	32.4	19.3	18.1	40.5	54.7	82	20
Cherokee	23,468	10.2	1.7	.0	.0	.0	29.0	15.3	14.5	27.9	41.7	50	58
Choctaw	11,506	20.9	7.0	.0	.0	.0	33.0	5.2	17.4	38.6	57.3	83	19
Cimarron	2,709	7.4	.0	.0	.0	.0	66.5	7.4	14.8	39.4	54.4	82	21
Cleveland	108,881	5.1	2.4	.6	.0	.0	28.5	15.4	3.5	21.7	30.9	19	72
Coal	4,064	.0	9.8	.0	.0	4.9	34.5	34.5	9.8	40.8	52.1	80	24
Comanche	88,132	10.9	5.7	.2	.0	.5	23.4	14.8	13.8	30.1	43.4	57	52
Cotton	5,005	4.0	4.0	4.0	.0	.0	24.0	16.0	12.0	28.5	38.1	45	64
Craig	10,930	12.8	.0	.0	.0	.0	43.9	23.8	11.0	33.6	51.3	73	36
Creek	45,257	8.8	2.7	.4	.0	.9	34.5	12.8	11.9	30.2	43.0	56	53
Custer	21,273	16.0	8.5	2.8	.0	.0	37.6	11.3	6.6	39.0	54.8	82	22
Delaware	18,610	10.7	4.3	.0	2.1	.0	38.7	17.2	5.4	33.1	47.0	66	43
Dewey	4,343	13.8	13.8	.0	.0	.0	59.9	27.6	4.6	52.3	71.8	95	5
Ellis	4,079	.0	.0	.0	.0	.0	34.3	24.5	.0	19.3	27.3	10	75
Garfield	46,095	9.5	2.2	.9	.0	.4	35.1	16.1	10.0	30.0	43.5	57	51
Garvin	20,494	19.5	4.9	1.0	.0	1.0	51.7	15.6	4.9	42.0	61.7	87	12
Grady	29,765	6.0	5.4	.0	.0	.0	45.0	21.5	6.7	34.2	47.2	68	41
Grant	4,469	13.4	.0	.0	.0	.0	22.4	9.0	4.5	18.8	30.8	14	73
Greer	4,999	8.0	.0	.0	.0	.0	36.0	20.0	4.0	24.3	36.6	35	69
Harmon	3,090	12.9	.0	.0	.0	6.5	51.8	25.9	6.5	41.8	59.9	87	14
Harper	3,457	11.6	5.8	.0	.0	.0	115.7	28.9	5.8	67.6	92.5	98	2
Haskell	8,029	19.9	5.0	.0	.0	.0	37.4	10.0	7.5	34.3	52.2	75	31
Hughes	10,167	9.8	.0	.0	2.0	.0	23.6	15.7	15.7	26.5	39.7	44	65
Jackson	21,797	11.9	2.8	.0	.0	.9	37.6	11.9	10.1	31.5	45.8	62	49
Jefferson	5,638	7.1	7.1	.0	.0	.0	46.1	7.1	7.1	34.1	45.4	66	44
Johnston	7,608	10.5	5.3	.0	.0	.0	52.6	10.5	18.4	42.4	58.8	86	15
Kay	36,725	7.6	7.6	.5	.5	.0	37.0	14.7	6.0	33.1	44.9	63	46
Kingfisher	10,583	11.3	.0	1.9	.0	.0	49.1	18.9	7.6	34.5	50.5	73	35
Kiowa	8,952	13.4	11.2	.0	.0	.0	46.9	17.9	8.9	44.1	61.1	89	11
Latimer	7,115	14.1	2.8	.0	.0	.0	33.7	19.7	14.1	33.3	50.3	71	37
Le Flore	29,342	13.6	4.1	.7	.0	.0	40.9	14.3	10.2	35.2	51.2	75	32
Lincoln	19,613	4.1	1.0	.0	.0	.0	48.9	15.3	6.1	29.2	40.4	50	59
Logan	20,347	3.9	2.0	1.0	.0	.0	36.4	19.7	4.9	26.1	36.4	37	67
Love	5,492	18.2	3.6	.0	.0	.0	58.3	18.2	18.2	47.8	70.2	94	6
McClain	15,775	6.3	1.3	3.8	.0	.0	40.6	16.5	2.5	29.2	40.3	50	60
McCurtain	24,668	21.9	4.1	.8	.0	.0	61.6	10.5	30.0	55.9	81.4	97	4
McIntosh	12,096	9.9	5.0	3.3	.0	.0	49.6	11.6	11.6	40.9	55.7	84	18
Major	6,388	12.5	.0	.0	.0	.0	47.0	6.3	.0	26.1	39.1	42	66
Marshall	7,966	12.6	10.0	.0	.0	.0	32.6	10.0	15.1	38.0	52.6	79	28
Mayes	23,679	7.6	.8	.0	.0	.0	51.5	10.1	10.1	32.4	45.6	63	47
Murray	8,777	13.7	11.4	.0	.0	.0	36.5	22.8	2.3	37.9	53.6	80	25
Muskogee	48,144	11.2	4.2	.0	.4	.0	30.7	16.6	12.9	31.5	45.9	62	48

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Noble	8,215	7.3	0.0	0.0	0.0	0.0	56.0	26.8	0.0	31.9	46.5	64	45
Nowata	8,053	7.5	2.5	.0	.0	.0	29.8	9.9	17.4	28.2	40.2	48	62
Okfuskee	7,979	12.5	.0	2.5	.0	2.5	32.6	20.1	15.0	34.9	51.2	74	33
Oklahoma	444,105	12.3	6.5	.7	.4	.5	27.7	20.9	17.1	37.0	53.1	78	29
Okmulgee	28,299	15.5	3.5	.0	.0	.0	32.5	17.7	14.8	34.1	51.6	74	34
Osage	28,812	10.4	6.2	.0	.0	.0	34.0	13.2	9.7	32.0	45.3	62	50
Ottawa	24,199	7.4	.8	.0	.0	.0	48.8	12.4	5.0	29.2	41.5	52	56
Pawnee	11,457	10.5	5.2	.0	.0	.0	41.9	17.5	5.2	33.1	47.2	66	42
Payne	50,476	4.4	1.6	.8	.0	.0	18.2	11.9	3.2	15.7	22.6	4	76
Pittsburg	30,141	11.9	15.3	.0	.0	.0	45.1	20.6	11.3	48.5	65.4	92	9
Pontotoc	24,476	14.7	3.3	.0	.0	.0	44.1	18.8	10.6	36.6	54.4	79	27
Pottawatomie	41,453	12.1	4.8	1.4	.0	.0	37.2	18.3	11.6	35.9	51.6	76	30
Pushmataha	8,468	16.5	7.1	.0	.0	.0	56.7	14.2	16.5	48.3	68.7	93	7
Roger Mills	3,741	5.3	.0	5.3	.0	.0	64.2	21.4	10.7	43.8	59.2	87	13
Rogers	35,972	7.2	.6	1.1	.0	.0	29.5	14.5	4.4	22.0	32.3	23	71
Seminole	19,459	15.4	5.1	3.1	1.0	1.0	47.3	13.4	10.3	44.0	61.5	89	10
Sequoyah	22,435	8.9	1.8	.0	.0	.0	36.5	11.6	11.6	28.6	41.3	51	57
Stephens	31,668	6.9	5.1	1.3	.0	.0	38.5	17.1	12.0	34.4	47.3	69	40
Texas	13,028	4.6	6.1	.0	.0	.0	52.2	21.5	1.5	35.0	47.1	69	39
Tillman	8,229	12.2	2.4	.0	.0	.0	63.2	24.3	17.0	46.8	67.3	92	8
Tulsa	363,996	11.3	3.5	.1	.1	.2	22.6	19.5	11.5	27.2	41.0	48	63
Wagoner	31,539	3.8	3.2	.0	.0	.0	35.5	16.5	6.3	25.9	35.8	36	68
Washington	34,956	12.0	3.4	.0	.0	.0	23.5	16.0	5.1	23.8	36.5	33	70
Washita	10,135	.0	2.0	.0	.0	.0	31.6	5.9	9.9	21.1	27.2	12	74
Woods	7,964	7.5	.0	.0	.0	.0	20.1	10.0	2.5	14.7	23.1	3	77
Woodward	15,367	11.7	1.3	.0	.0	1.3	36.4	15.6	6.5	28.9	43.0	54	54
Oregon	1,939,673	14.7	3.2	.4	.2	.0	28.5	18.3	5.6	28.1	43.2	-	-
Baker	11,496	13.9	.0	.0	.0	.0	24.4	26.1	5.2	23.6	39.1	38	29
Benton	52,174	6.5	.4	.0	.0	.0	12.3	14.6	3.1	12.6	20.4	1	36
Clackamas	178,613	8.6	2.7	.2	.2	.0	28.1	15.8	3.8	23.4	34.5	29	31
Clatsop	23,689	24.5	3.4	.8	.8	.0	32.1	21.1	2.5	34.0	54.8	77	12
Columbia	25,419	14.2	3.1	.8	.0	.0	44.8	11.8	2.4	32.0	47.0	65	19
Coos	45,297	15.9	2.6	.0	.4	.0	26.9	22.5	7.1	28.7	45.3	58	21
Crook	9,425	17.0	4.2	.0	.0	.0	46.7	34.0	4.2	39.6	60.4	86	6
Curry	12,670	9.5	7.9	.0	1.6	.0	44.2	25.3	9.5	41.4	57.3	85	7
Deschutes	46,105	11.7	4.3	.4	.4	.0	37.7	21.3	6.5	33.2	48.4	68	18
Douglas	66,408	12.3	2.7	.0	.3	.0	37.6	16.9	3.9	29.1	43.4	55	22
Gilliam	1,473	27.2	.0	.0	.0	.0	40.7	13.6	.0	31.0	52.4	71	16
Grant	5,760	3.5	3.5	.0	.0	.0	55.6	27.8	13.9	40.3	55.4	83	8
Harney	5,489	14.6	10.9	3.6	.0	.0	43.7	29.1	14.6	51.6	71.7	95	3
Hood River	11,734	11.9	.0	.0	.0	.0	29.0	10.2	3.4	20.7	32.7	21	33
Jackson	98,249	11.2	3.1	.4	.2	.0	29.1	18.3	4.7	26.3	39.5	43	25
Jefferson	8,463	18.9	4.7	.0	.0	.0	92.2	30.7	16.5	65.1	93.5	98	1
Josephine	44,226	15.8	2.7	.0	.0	.5	27.6	17.6	5.0	27.1	42.5	50	23
Klamath	42,518	19.8	4.2	1.4	.5	.5	42.3	24.9	7.1	40.8	61.5	87	5
Lake	5,350	15.0	3.7	.0	.0	3.7	52.3	18.7	7.5	42.8	61.1	88	4
Lane	199,849	10.5	1.4	.3	.0	.0	25.9	17.4	3.5	22.0	34.1	26	32
Lincoln	27,098	21.4	3.0	.0	.7	.0	31.7	23.6	3.7	32.3	51.9	72	15
Linn	64,273	9.3	2.2	.3	.6	.0	32.1	16.5	4.0	25.6	37.7	39	28
Malheur	19,191	8.3	2.1	.0	1.0	.0	35.4	15.6	6.3	27.5	39.6	46	24
Marion	149,398	13.3	1.3	.1	.1	.0	27.3	20.6	4.4	24.7	39.1	39	26
Morrow	5,478	7.3	11.0	.0	.0	.0	47.5	11.0	3.7	37.8	49.4	76	13
Multnomah	422,504	25.7	6.1	.9	.1	.0	25.0	19.9	9.3	36.5	58.1	82	10
Polk	32,468	8.0	1.2	.0	.0	.0	20.3	16.6	3.1	17.8	27.7	9	35
Sherman	1,551	51.6	.0	.0	.0	.0	77.4	25.8	.0	58.8	99.5	98	2
Tillamook	15,708	21.6	2.5	.0	.0	.0	44.6	21.6	2.5	35.7	56.4	80	11
Umatilla	42,282	16.6	3.8	.9	.0	.0	37.4	17.5	7.1	34.0	51.3	73	14
Union	16,865	9.5	4.7	2.4	.0	.0	28.5	11.9	2.4	26.4	37.1	39	27

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Wallowa	5,306	11.3	7.5	0.0	0.0	0.0	22.6	37.7	3.8	31.0	46.6	63	20
Wasco	15,438	18.1	2.6	.0	.0	.0	40.2	16.8	5.2	32.7	50.7	71	17
Washington	187,087	8.0	1.3	.1	.3	.0	20.6	13.5	4.5	18.5	28.1	10	34
Wheeler	1,094	36.5	.0	.0	.0	.0	36.5	18.3	.0	34.0	60.9	82	9
Yamhill	39,525	6.6	2.0	.0	.0	.0	31.9	18.2	5.1	24.1	35.1	31	30
Pennsylvania	8,814,592	14.2	1.8	.3	.1	.1	19.9	14.3	7.0	22.6	36.0	-	-
Adams	50,552	5.9	.8	.0	.0	.0	36.4	12.7	2.8	22.3	32.2	23	33
Allegheny	1,084,361	20.3	2.2	.3	.2	.1	14.8	14.9	6.4	23.4	39.6	38	17
Armstrong	56,423	9.2	1.4	.4	.4	.0	25.9	16.3	2.1	21.0	32.0	20	40
Beaver	149,111	14.2	2.1	.1	.0	.0	14.5	15.0	4.0	19.1	31.6	16	43
Bedford	33,937	7.1	.6	.0	.0	.0	38.3	8.3	1.2	21.8	31.4	21	39
Berks	234,456	10.1	.6	.0	.0	.0	21.8	18.4	3.4	19.1	30.7	15	46
Blair	97,389	10.9	2.5	.4	.0	.0	20.7	12.5	3.9	20.4	31.3	18	42
Bradford	44,627	11.7	2.7	.0	.0	.0	33.2	12.5	1.8	24.7	37.1	36	19
Bucks	364,244	10.0	.7	.3	.1	.1	22.8	13.0	3.1	18.8	29.5	13	52
Butler	109,048	10.3	1.1	.0	.0	.0	27.7	17.1	3.5	22.0	34.1	26	28
Cambria	131,763	15.5	1.4	.6	.0	.3	17.9	15.2	2.7	20.5	33.8	23	34
Cameron	4,922	8.1	4.1	.0	.0	.0	40.6	36.6	.0	31.8	46.9	64	3
Carbon	39,779	16.6	1.0	.0	.5	.0	32.2	18.6	2.0	26.5	42.5	49	8
Centre	91,034	4.6	.4	.0	.0	.0	19.3	8.1	1.3	12.7	18.9	1	66
Chester	240,368	10.6	.7	.3	.1	.0	27.4	13.7	4.6	21.8	33.6	24	31
Clarion	31,625	7.0	.6	.0	.0	.0	28.5	14.5	3.8	20.1	30.1	15	45
Clearfield	59,522	13.4	1.0	.0	.0	.3	28.2	14.4	1.7	22.4	35.5	29	22
Clinton	28,457	5.6	.0	.0	.0	.0	29.5	12.7	2.8	18.6	27.5	10	55
Columbia	46,189	11.7	.9	.0	.0	.0	23.4	15.6	.9	19.0	30.7	14	47
Crawford	63,296	14.9	1.6	.0	.0	.0	30.6	16.7	2.5	25.1	39.7	41	16
Cumberland	137,150	6.9	.9	.3	.0	.0	19.2	13.7	2.6	16.0	24.6	5	63
Dauphin	174,147	8.7	.6	.3	.3	.0	16.9	15.0	7.7	18.6	29.0	11	53
Delaware	416,963	15.4	2.6	.1	.2	.0	14.9	14.3	5.8	21.2	34.6	25	29
Elk	27,153	16.2	.0	.0	.0	.0	22.1	13.3	2.9	20.0	33.9	22	37
Erie	203,883	15.7	1.7	.2	.2	.1	20.9	12.4	4.3	21.9	35.5	28	25
Fayette	115,529	18.4	.7	.2	.3	.0	22.5	14.7	7.1	24.5	40.6	42	15
Forest	3,743	21.4	.0	.0	.0	.0	32.1	26.7	10.7	32.6	54.0	75	2
Franklin	83,804	7.9	1.2	.2	.2	.0	23.6	8.6	2.1	17.6	26.2	7	61
Fulton	9,443	12.7	.0	.0	.0	.0	25.4	14.8	4.2	20.8	33.7	23	32
Greene	29,115	13.7	.0	.7	.0	.0	24.0	13.1	2.1	20.0	32.6	20	41
Huntingdon	30,640	9.1	2.6	.0	.0	.0	29.4	13.7	3.9	23.3	34.4	29	23
Indiana	68,727	11.3	1.2	.6	.0	.3	38.4	12.2	3.8	27.0	40.1	46	10
Jefferson	34,560	12.2	1.2	.0	.0	.0	30.7	11.0	1.7	22.0	34.1	26	27
Juniata	13,963	8.6	.0	.0	.0	.0	43.0	8.6	.0	23.3	34.1	29	24
Lackawanna	168,526	21.0	1.3	.0	.2	.1	18.9	9.7	2.6	21.4	36.9	30	21
Lancaster	270,522	7.5	.6	.1	.0	.0	19.8	11.8	1.8	15.4	23.9	4	65
Lawrence	77,931	9.5	.5	.0	.3	.3	19.5	13.3	3.1	17.2	27.3	8	60
Lebanon	81,312	7.1	.2	.2	.0	.0	20.7	12.3	2.7	15.8	24.5	5	64
Lehigh	208,215	9.9	.7	.2	.2	.1	18.3	13.9	3.5	17.3	27.6	8	58
Luzerne	253,147	17.6	1.2	.1	.0	.3	17.1	14.1	2.3	19.9	34.0	22	36
Lycoming	85,390	8.7	.2	.0	.0	.0	24.8	16.4	1.6	18.3	28.7	11	54
McKean	35,105	22.8	1.1	.0	.0	.0	34.2	17.7	1.7	29.2	48.5	63	4
Mercer	93,195	10.7	.6	.6	.2	.0	28.5	13.1	4.1	22.4	34.3	27	26
Mifflin	33,542	3.6	1.8	.0	.0	.0	16.1	12.5	.6	12.8	18.7	1	67
Monroe	55,024	14.2	1.8	.0	.0	.0	36.7	14.5	2.2	27.0	41.5	48	9
Montgomery	491,073	12.8	1.1	.2	.2	.2	17.1	13.7	3.6	18.5	30.3	13	50
Montour	12,263	17.9	.0	.0	.0	.0	19.6	8.2	1.6	18.0	31.5	14	48
Northampton	170,815	11.5	1.9	.1	.5	.0	17.6	15.1	2.8	18.9	30.1	13	49
Northumberland	73,630	17.7	1.1	.3	.3	.0	29.9	16.6	1.6	25.5	41.4	45	11
Perry	26,502	9.8	.0	.0	.0	.0	40.0	9.8	3.8	24.6	36.6	35	20

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Philadelphia......	1,243,908	20.5	5.1	0.5	0.2	0.2	11.4	15.6	26.2	34.6	54.0	77	1
Pike..............	14,722	20.4	1.4	.0	.0	.0	31.2	16.3	5.4	28.7	46.8	59	7
Potter............	12,507	8.0	.0	1.6	.0	.0	20.8	12.8	11.2	21.4	32.1	21	38
Schuylkill........	117,857	22.9	.7	.7	.3	.0	29.7	16.3	3.4	28.4	47.4	60	6
Snyder............	25,633	5.5	.0	.8	.0	.0	31.2	9.4	.8	18.4	26.5	8	59
Somerset..........	58,764	11.2	.0	.0	.0	.0	24.2	16.3	1.0	18.5	30.2	13	51
Sullivan..........	4,677	8.6	.0	.0	.0	.0	55.6	21.4	.0	31.1	45.5	61	5
Susquehanna.......	27,025	12.6	1.5	.7	.0	.0	30.3	18.5	3.7	25.6	39.5	42	14
Tioga.............	28,986	8.3	.7	.0	.0	1.4	38.6	15.9	4.8	27.1	39.4	45	13
Union.............	25,166	3.2	.0	.8	.0	.0	22.3	7.9	8.7	17.1	24.1	5	62
Venango...........	46,263	12.1	2.2	.9	.0	.0	32.0	11.2	2.6	24.9	37.3	37	18
Warren............	33,735	10.7	1.2	.0	.0	.0	29.6	14.8	1.8	21.8	33.7	24	30
Washington........	161,622	14.4	.9	.2	.0	.0	20.3	15.6	3.6	20.3	33.6	22	35
Wayne.............	25,972	12.3	.8	1.5	.0	.0	37.0	13.1	2.3	26.6	39.9	45	12
Westmoreland......	289,713	10.6	.7	.2	.1	.0	24.8	12.8	2.8	19.6	30.7	16	44
Wyoming...........	18,786	5.3	.0	.0	.0	.0	29.8	13.8	2.1	18.5	27.3	9	56
York..............	233,143	7.3	1.5	.3	.0	.0	21.4	14.8	2.9	18.0	27.3	9	57
Rhode Island........	712,300	15.7	5.1	.6	.3	.2	14.3	13.3	4.8	23.4	36.5	-	-
Bristol...........	35,172	13.6	5.1	1.1	.0	.0	15.9	10.8	2.3	21.8	33.1	23	3
Kent..............	115,187	17.7	2.8	.9	.5	.3	17.2	11.6	2.8	22.6	36.5	31	2
Newport...........	61,460	12.0	4.6	.7	.3	.0	13.7	9.4	3.3	19.6	29.8	14	5
Providence........	429,189	16.4	6.2	.5	.2	.2	12.5	13.8	6.1	24.7	38.3	38	1
Washington........	71,292	12.3	2.5	.0	.0	.3	19.9	17.4	3.1	21.2	33.5	23	4
South Carolina......	2,353,866	12.3	4.2	1.4	.5	.5	33.5	13.7	13.7	34.8	49.8	-	-
Abbeville.........	16,350	18.3	3.7	.0	.0	.0	30.6	14.7	14.7	33.9	52.1	74	28
Aiken.............	78,837	10.4	5.3	.5	.3	.8	30.7	18.3	14.0	34.2	48.7	70	31
Allendale.........	7,299	19.2	5.5	.0	2.7	2.7	43.8	16.4	21.9	50.8	72.5	95	2
Anderson..........	99,158	10.5	3.4	1.2	.4	.6	38.9	19.2	12.3	35.9	51.2	76	26
Bamberg...........	12,987	9.2	3.1	1.5	1.5	.0	32.3	9.2	10.8	30.4	42.4	56	44
Barnwell..........	14,010	8.6	1.4	.0	1.4	.0	47.1	5.7	20.0	36.7	50.9	76	25
Beaufort..........	55,210	10.5	4.7	1.4	.0	.0	37.7	13.8	7.2	32.4	45.8	63	36
Berkeley..........	73,127	6.3	2.2	1.4	.0	.3	38.8	10.1	10.7	29.8	41.0	52	45
Calhoun...........	8,529	16.4	16.4	2.3	.0	.0	44.6	9.4	11.7	51.6	68.9	94	4
Charleston........	216,864	12.7	3.8	1.4	.7	.6	24.1	13.4	12.5	30.4	44.3	58	41
Cherokee..........	29,467	12.2	6.8	2.7	.7	.0	36.0	17.0	13.6	40.1	55.8	83	17
Chester...........	21,506	15.8	.9	2.8	.0	.0	39.1	16.7	18.6	38.7	57.5	83	16
Chesterfield......	27,266	13.2	5.1	2.2	.0	.0	53.5	15.4	9.5	42.8	60.1	87	13
Clarendon.........	19,594	3.1	1.0	2.0	1.0	1.0	37.8	11.2	17.4	32.6	43.3	60	39
Colleton..........	23,237	14.6	12.0	.9	.0	.9	55.1	7.7	18.9	53.4	71.9	96	1
Darlington........	44,528	13.9	4.9	1.3	.0	.9	44.5	13.9	21.1	44.3	62.6	89	12
Dillon............	21,601	17.6	4.6	3.7	.0	.0	50.0	8.3	17.6	46.5	65.9	92	8
Dorchester........	45,692	8.3	1.8	.9	.0	.9	40.3	13.6	12.7	32.5	45.9	64	34
Edgefield.........	12,355	24.3	8.1	.0	.0	.0	37.2	8.1	17.8	43.7	65.3	90	10
Fairfield.........	14,694	10.9	.0	2.7	.0	4.1	54.4	10.9	9.5	40.8	56.1	84	15
Florence..........	80,178	13.0	3.0	2.2	.2	.0	38.7	8.7	16.2	36.4	51.9	77	24
Georgetown........	31,067	17.4	7.7	1.3	.0	.0	47.6	7.7	19.3	46.8	66.0	92	7
Greenville........	218,858	11.1	3.7	1.2	.2	.3	26.8	14.2	12.6	29.8	43.3	56	42
Greenwood.........	43,190	13.9	5.6	1.9	.5	.5	24.1	15.3	9.3	31.6	45.9	62	37
Hampton...........	12,566	22.3	3.2	4.8	1.6	1.6	38.2	12.7	11.1	44.1	64.4	90	11
Horry.............	83,440	14.1	2.6	1.4	.5	.2	39.8	13.2	14.1	36.6	53.2	78	22
Jasper............	9,901	6.1	4.0	.0	.0	.0	68.7	10.1	28.3	50.7	68.0	94	5
Kershaw...........	28,869	13.2	4.8	.7	.0	.0	39.5	14.5	10.4	35.3	51.0	75	27
Lancaster.........	39,013	9.7	4.6	1.5	.5	.5	41.5	17.9	11.8	37.7	52.6	79	20
Laurens...........	38,437	13.5	3.6	2.1	.5	2.6	36.9	13.5	18.7	41.4	58.3	85	14

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Lee	12,946	9.3	1.5	1.5	0.0	0.0	41.7	13.9	7.7	30.8	44.1	59	40
Lexington	108,831	12.9	2.8	1.8	.2	.2	27.4	16.4	9.2	29.3	43.6	56	43
McCormick	5,311	15.1	.0	.0	.0	.0	60.3	18.8	30.1	49.4	72.5	95	3
Marion	23,811	25.2	.8	2.5	.0	.0	42.8	9.2	22.7	44.2	67.9	91	9
Marlboro	22,148	20.8	8.1	.9	.0	.9	26.2	16.3	29.8	46.7	68.6	93	6
Newberry	23,233	16.4	2.6	.0	.9	2.6	30.1	10.3	8.6	31.5	46.9	64	35
Dconee	36,314	11.0	4.4	.0	1.1	.0	31.4	14.9	11.6	31.6	45.5	62	38
Drangeburg	60,046	13.0	5.3	2.3	1.0	.3	42.0	5.7	15.3	40.3	55.5	83	18
Pickens	62,436	8.3	3.8	1.0	.3	.0	27.2	14.4	5.4	25.4	36.3	36	46
Richland	212,119	14.0	3.6	1.5	1.3	.3	23.0	15.7	15.7	32.7	48.1	67	32
Saluda	11,593	8.6	3.5	.0	.0	.0	53.5	15.5	13.8	39.0	54.6	81	19
Spartanburg	151,676	12.4	5.0	2.8	.4	.3	33.0	16.6	14.0	37.3	52.8	78	21
Sumter	64,860	9.3	9.3	.3	.6	.0	33.0	7.7	15.4	36.6	49.2	74	29
Union	22,640	10.6	5.3	.0	.0	.0	42.4	19.4	11.5	36.7	52.4	78	23
Williamsburg	26,202	7.6	2.3	.0	.0	.0	44.3	5.3	17.6	33.3	46.2	66	33
York	81,872	12.0	6.1	.2	1.0	2.0	27.4	13.2	14.2	35.0	49.1	72	30
South Dakota	489,063	12.0	3.3	.7	.3	.2	32.6	15.3	4.4	28.2	41.7	-	-
Aurora	2,436	8.2	8.2	.0	.0	.0	16.4	32.8	.0	25.0	36.9	36	28
8eadle	13,433	11.9	.0	.0	1.5	.0	26.8	11.9	.0	20.0	31.4	17	41
8ennett	2,078	38.5	.0	.0	.0	.0	96.2	28.9	9.6	66.5	104.4	98	8
8on Homme	5,221	11.5	7.7	.0	.0	.0	38.3	7.7	.0	30.0	41.7	54	22
8rookings	18,786	4.3	.0	.0	.0	.0	19.2	8.5	2.1	12.5	18.7	1	58
Brown	26,507	12.1	1.5	.0	.0	.0	19.6	9.8	.8	17.0	27.5	8	49
8rule	3,675	10.9	.0	.0	.0	.0	16.3	32.7	5.4	20.4	34.6	24	35
Buffalo	1,009	119.0	39.7	.0	.0	.0	178.4	39.7	.0	171.3	261.9	99	1
8utte	5,732	10.5	.0	.0	.0	.0	48.8	7.0	.0	26.2	38.4	41	27
Campbell	1,612	24.8	24.8	.0	.0	.0	37.2	12.4	.0	53.1	72.7	96	11
Charles Mix	6,291	47.7	3.2	.0	.0	.0	57.2	22.3	6.4	54.2	91.1	98	9
Clark	3,342	6.0	.0	.0	.0	.0	18.0	23.9	.0	14.8	24.1	4	51
Clay	10,581	.0	.0	.0	.0	.0	18.9	7.6	.0	9.5	12.8	0	63
Codington	14,940	8.0	1.3	.0	.0	.0	18.7	29.5	2.7	19.7	31.5	17	42
Corson	3,400	17.6	17.6	11.8	.0	.0	135.3	17.6	47.1	119.1	154.5	99	4
Custer	4,541	4.4	.0	.0	.0	.0	30.8	4.4	.0	15.6	22.2	3	54
Davison	12,393	8.1	1.6	.0	.0	.0	35.5	12.9	3.2	23.9	34.9	31	33
Day	5,379	7.4	14.9	.0	.0	.0	33.5	3.7	3.7	34.5	43.4	63	21
Deuel	3,527	5.7	.0	.0	.0	.0	56.7	.0	.0	26.1	35.4	36	29
Dewey	3,385	41.4	29.5	11.8	.0	.0	65.0	53.2	23.6	107.4	149.9	99	5
Douglas	2,698	14.8	.0	.0	.0	.0	22.2	.0	7.4	18.9	30.6	14	46
Edmunds	3,405	5.9	.0	.0	.0	.0	52.9	23.5	5.9	32.1	46.1	63	20
Fall River	5,629	17.8	14.2	.0	.0	.0	35.5	39.1	3.6	45.9	66.7	92	14
Faulk	2,195	.0	.0	.0	.0	.0	36.4	18.2	.0	18.9	26.1	8	48
Grant	6,137	6.5	.C	.0	.0	.0	42.4	19.6	.0	24.4	35.9	33	31
Gregory	3,964	5.0	.0	.0	.0	.0	30.3	5.0	.0	15.8	22.7	4	52
Haakon	1,800	.0	.0	.0	.0	.0	22.2	11.1	.0	11.6	15.9	0	62
Hamlin	3,475	28.8	11.5	.0	5.8	.0	28.8	17.3	.0	44.6	66.2	91	15
Hand	3,332	6.0	.0	.0	.0	.0	24.0	12.0	.0	14.9	22.9	3	53
Hanson	2,203	.0	.0	.0	.0	.0	9.1	9.1	.0	5.6	8.2	0	66
Harding	1,244	16.1	.0	.0	.0	.0	32.1	.0	.0	20.1	32.3	19	38
Hughes	10,249	5.9	2.0	3.9	.0	.0	17.6	21.5	2.0	20.8	29.9	16	43
Hutchinson	6,043	9.9	.0	.0	.0	.0	46.3	9.9	6.6	28.6	41.9	52	23
Hyde	1,371	.0	.0	.0	.0	.0	43.8	14.6	.0	21.3	28.6	15	45
Jackson	2,103	9.5	9.5	.0	.0	.0	57.1	19.0	.0	41.2	55.8	84	17
Jerauld	1,890	.0	10.6	.0	.0	.0	10.6	.0	.0	15.0	16.2	1	57
Jones	1,052	.0	.0	.0	.0	.0	19.0	19.0	.0	11.8	17.1	0	60
Kingsbury	4,409	.0	.0	.0	4.5	.0	40.8	9.1	.0	23.5	29.5	20	37
Lake	7,521	18.6	.0	.0	.0	2.7	16.0	16.0	.0	20.2	34.7	23	36
Lawrence	13,571	7.4	.0	1.5	.0	.0	33.9	20.6	2.9	24.2	36.0	33	32
Lincoln	9,113	11.0	.0	.0	.0	.0	24.1	13.2	2.2	18.3	29.5	12	47

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Lyman............	2,449	16.3	8.2	0.0	0.0	0.0	65.3	8.2	0.0	43.9	61.3	89	16
McCook............	4,252	.0	4.7	.0	.0	.0	14.1	9.4	.0	12.5	15.7	0	61
McPherson.........	2,717	14.7	.0	.0	.0	.0	7.4	14.7	.0	12.1	23.3	2	56
Marshall..........	3,591	16.7	.0	.0	.0	.0	72.4	22.3	11.1	47.0	69.6	93	12
Meade.............	15,182	9.2	4.0	.0	.0	.0	29.0	14.5	4.0	24.7	36.0	34	30
Mellette..........	1,459	96.0	.0	.0	.0	.0	41.1	13.7	13.7	65.8	126.8	99	7
Miner.............	2,447	8.2	.0	.0	8.2	.0	24.5	32.7	8.2	32.2	46.3	64	19
Minnehaha.........	82,626	10.4	3.4	.5	.0	.0	20.1	14.8	1.9	20.4	31.1	17	39
Moody.............	4,466	9.0	4.5	.0	.0	.0	35.8	17.9	.0	26.8	38.6	42	26
Pennington........	54,470	11.7	2.6	.4	.0	.0	33.0	12.9	6.6	27.3	40.6	47	24
Perkins...........	3,327	6.0	.0	.0	.0	.0	48.1	.0	12.0	28.3	38.9	46	25
Potter............	2,524	7.9	.0	.0	.0	.0	.0	15.9	.0	6.4	13.4	0	64
Roberts...........	7,225	30.4	16.6	2.8	.0	.0	36.0	19.4	5.5	53.5	78.1	96	10
Sanborn...........	2,172	9.2	9.2	.0	.0	.0	46.0	18.4	.0	36.0	49.2	73	18
Shannon...........	6,647	54.2	24.1	3.0	6.0	3.0	153.5	30.1	54.2	154.2	214.7	99	2
Spink.............	6,373	6.3	.0	.0	.0	3.1	34.5	15.7	.0	23.3	33.2	27	34
Stanley...........	1,701	11.8	.0	.0	.0	.0	.0	.0	.0	4.8	11.2	0	65
Sully.............	1,294	.0	.0	.0	.0	.0	30.9	.0	.0	13.0	16.4	0	59
Todd..............	4,422	36.2	4.5	18.1	.0	4.5	153.8	40.7	72.4	148.7	204.4	99	3
Tripp.............	4,931	36.5	.0	.0	.0	.0	56.8	20.3	.0	42.9	72.3	93	13
Turner............	6,094	6.6	3.3	.0	.0	.0	23.0	9.8	.0	17.6	25.3	6	50
Union.............	7,296	5.5	2.7	.0	.0	.0	19.2	11.0	.0	15.2	22.2	3	55
Walworth..........	4,696	8.5	.0	.0	4.3	.0	25.6	4.3	4.3	21.3	30.2	17	40
Yankton...........	13,552	7.4	4.4	.0	.0	.0	22.1	17.7	.0	20.3	29.7	15	44
Ziebach...........	1,478	.0	.0	13.5	.0	.0	121.8	54.1	40.6	94.6	124.1	99	6
Tennessee..........	3,420,900	10.5	2.9	.6	.2	.2	29.6	16.1	12.7	29.9	43.7	-	-
Anderson..........	50,995	11.8	.8	.8	.4	.4	26.3	15.7	5.5	23.9	36.8	34	78
Bedford...........	20,151	14.9	5.0	1.0	1.0	.0	33.7	27.8	9.9	37.4	55.6	81	17
Benton............	10,776	5.6	.0	3.7	.0	.0	27.8	33.4	7.4	27.9	40.9	48	61
Bledsoe...........	6,981	5.7	8.6	.0	.0	.0	51.6	5.7	25.8	45.9	60.0	89	8
Blount............	59,142	10.1	1.4	.0	.0	.0	27.4	14.5	6.8	23.1	35.2	30	83
Bradley...........	50,579	10.7	1.6	.4	.4	.0	30.4	16.2	9.1	27.1	40.5	46	66
Campbell..........	25,211	8.7	3.2	.8	.8	.0	23.0	17.5	15.9	28.9	41.9	52	51
Cannon............	7,449	2.7	2.7	.0	.0	.0	56.4	37.6	13.4	41.3	57.6	85	13
Carroll...........	20,272	10.9	3.0	.0	.0	.0	28.6	17.8	8.9	27.2	40.7	47	64
Carter............	37,738	9.5	1.1	1.6	.0	.0	20.1	13.8	5.8	20.5	31.2	18	93
Cheatham..........	16,000	10.0	1.3	.0	.0	.0	51.3	16.3	3.8	31.9	46.3	63	34
Chester...........	9,386	4.3	2.1	.0	.0	.0	32.0	21.3	10.7	26.6	37.8	40	73
Claiborne.........	18,575	5.4	3.2	1.1	.0	.0	37.7	25.8	6.5	30.5	43.1	57	44
Clay..............	5,631	21.3	3.6	.0	7.1	.0	53.3	17.8	17.8	53.7	77.1	96	2
Cocke.............	21,354	10.3	1.9	.0	.0	.0	49.6	14.0	19.7	39.0	55.8	82	15
Coffee............	28,796	11.8	.7	1.4	.7	.0	34.7	9.7	6.3	27.1	40.0	46	69
Crockett..........	10,334	1.9	.0	.0	.0	.0	44.5	9.7	7.7	25.1	34.0	31	82
Cumberland........	21,448	15.9	.0	.9	.9	.0	35.4	21.4	9.3	31.9	49.6	68	30
Davidson..........	368,941	12.7	3.8	.7	.1	.2	26.5	16.7	20.8	34.1	50.3	72	23
Decatur...........	7,861	12.7	2.5	.0	.0	.0	56.0	12.7	15.3	41.0	58.8	85	12
De Kalb...........	9,936	4.0	2.0	.0	.0	.0	40.3	14.1	10.1	28.1	38.8	45	71
Dickson...........	22,290	5.4	6.3	.0	.9	.0	45.8	17.0	8.1	35.8	48.0	71	24
Dyer..............	24,669	15.4	3.2	.8	.0	.0	29.2	17.8	6.5	29.2	44.9	58	42
Fayette...........	17,139	3.5	.0	.0	.0	.0	42.0	18.7	10.5	27.7	39.2	45	70
Fentress..........	10,712	7.5	.0	1.9	.0	.0	39.2	28.0	9.3	31.4	46.1	62	38
Franklin..........	23,619	7.6	2.5	.0	.0	.0	29.6	11.9	5.9	23.3	33.7	28	85
Gibson............	35,119	6.8	5.1	.6	.0	.6	27.3	14.8	10.3	28.3	39.3	46	65
Giles.............	17,922	10.0	12.3	.0	.0	1.1	49.1	30.1	12.3	49.9	68.0	94	6
Grainger..........	12,223	6.5	.0	.0	.0	.0	47.4	11.5	11.5	30.3	42.9	56	45
Greene............	40,687	13.8	1.5	2.0	1.5	.0	31.5	13.3	4.9	28.7	42.7	53	50
Grundy............	9,637	10.4	.0	.0	.0	.0	33.2	20.8	10.4	27.2	41.8	49	57

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Hamblen	38,419	10.4	1.6	2.6	0.0	0.5	33.8	13.5	7.8	29.5	42.5	54	47
Hamilton	211,689	13.4	1.5	.7	.0	.0	25.9	13.9	13.8	27.8	42.6	52	52
Hancock	4,927	4.1	4.1	4.1	.0	4.1	40.6	24.4	.0	35.8	46.6	70	29
Hardeman	16,375	9.8	1.2	3.7	.0	.0	44.0	25.6	17.1	40.5	57.9	85	14
Hardin	15,805	11.4	2.5	1.3	2.5	.0	51.9	13.9	16.5	43.3	60.3	87	10
Hawkins	32,063	13.1	2.5	.6	.6	.0	25.6	21.8	6.2	27.2	41.8	49	58
Haywood	13,923	11.5	2.9	.0	.0	1.4	28.7	8.6	14.4	29.6	42.8	55	46
Henderson	15,626	9.0	5.1	.0	2.6	.0	43.5	24.3	3.8	36.3	50.7	76	21
Henry	20,787	15.4	.0	.0	1.0	.0	20.2	15.4	13.5	25.2	40.6	43	72
Hickman	11,440	14.0	7.0	.0	.0	.0	43.7	12.2	7.0	36.8	52.4	78	18
Houston	4,931	.0	.0	.0	.0	.0	16.2	4.1	12.2	13.3	17.9	1	95
Humphreys	11,268	19.5	5.3	.0	.0	.0	51.5	21.3	17.7	47.5	70.4	94	5
Jackson	6,749	11.9	5.9	5.9	.0	.0	71.1	17.8	11.9	55.7	75.0	96	3
Jefferson	24,178	10.8	.8	.8	.0	.0	38.9	8.3	7.4	27.5	40.3	47	63
Johnson	10,046	6.0	2.0	4.0	.0	.0	49.8	27.9	10.0	39.6	54.7	82	16
Knox	245,462	10.8	1.5	.2	.2	.2	26.9	14.8	10.3	25.7	38.7	40	74
Lake	5,410	3.7	7.4	.0	.0	.0	55.4	14.8	22.2	45.6	60.0	89	9
Lauderdale	17,277	3.5	1.2	1.2	.0	.0	27.8	10.4	6.9	20.8	28.6	14	94
Lawrence	24,520	13.1	.8	1.6	.8	.0	43.2	13.9	4.1	31.5	46.3	63	37
Lewis	6,983	11.5	.0	.0	.0	.0	22.9	20.0	2.9	19.7	32.3	18	92
Lincoln	19,285	14.5	4.1	.0	.0	.0	33.2	20.7	4.1	30.1	45.9	60	41
Loudon	21,730	9.2	.0	3.7	.0	.0	39.6	15.6	9.2	31.5	45.1	61	40
McMinn	30,522	6.6	2.6	.0	.7	.0	34.7	9.2	13.8	28.9	40.1	49	59
McNairy	16,509	10.9	.0	1.2	.0	.0	32.7	19.4	7.3	26.7	40.7	46	67
Macon	11,254	5.3	1.8	.0	.0	.0	32.0	26.7	19.5	31.9	46.2	63	35
Madison	54,204	13.3	6.6	1.5	.0	.0	24.7	11.4	13.3	32.5	46.6	65	33
Marion	17,623	13.6	.0	1.1	.0	.0	47.7	7.9	7.9	32.1	47.4	65	31
Marshall	14,249	8.4	1.4	.0	.0	1.4	29.5	25.3	8.4	27.7	41.2	49	60
Maury	37,771	11.6	2.1	.5	.5	.0	26.5	13.8	11.6	27.3	40.8	47	62
Meigs	5,419	14.8	.0	.0	.0	.0	40.6	14.8	14.8	33.0	50.5	71	25
Monroe	20,938	4.8	.0	1.0	.0	.0	45.8	14.3	10.5	30.0	41.8	54	48
Montgomery	65,397	7.0	.6	.9	.3	.0	30.9	16.2	8.3	24.8	36.2	35	77
Moore	3,377	5.9	.0	5.9	.0	.0	17.8	29.6	.0	21.7	31.9	22	90
Morgan	12,040	11.6	1.7	.0	.0	.0	44.9	18.3	10.0	33.6	49.6	71	27
Obion	23,656	9.3	2.5	.0	.0	.0	20.3	22.8	9.3	23.8	36.5	33	80
Overton	12,679	4.7	.0	.0	1.6	1.6	52.1	25.2	7.9	35.7	49.6	73	22
Perry	4,610	8.7	.0	.0	.0	.0	52.1	21.7	8.7	33.8	49.4	71	26
Pickett	3,172	6.3	6.3	.0	.0	.0	31.5	6.3	.0	23.4	31.3	23	88
Polk	9,705	4.1	.0	.0	.0	.0	53.6	12.4	12.4	32.5	44.8	62	39
Putnam	37,411	8.6	.5	1.1	.0	.0	29.4	16.0	4.8	22.9	34.3	28	84
Rhea	17,412	6.9	2.3	.0	.0	.0	51.7	13.8	14.9	36.6	50.9	76	20
Roane	35,728	7.8	1.1	.0	.6	1.1	22.4	11.8	10.6	22.8	33.3	26	86
Robertson	26,928	6.7	3.0	.7	.7	.0	37.9	18.6	8.2	30.7	43.0	57	43
Rutherford	66,560	7.8	1.5	.3	.0	.3	20.4	17.7	10.5	22.4	33.6	25	87
Scott	13,721	20.4	1.5	.0	.0	.0	24.8	8.7	7.3	25.4	41.9	46	68
Sequatchie	6,113	16.4	.0	.0	.0	.0	45.8	16.4	39.3	47.7	71.0	94	4
Sevier	32,240	8.7	.6	1.2	.0	.0	34.7	23.0	7.4	28.1	41.8	51	54
Shelby	573,067	10.5	5.8	.2	.2	.1	22.6	16.1	22.4	33.9	48.6	70	28
Smith	10,473	13.4	.0	.0	.0	.0	36.3	11.5	3.8	24.8	38.6	39	75
Stewart	6,609	12.1	.0	.0	3.0	3.0	39.3	9.1	6.1	32.2	45.6	63	36
Sullivan	107,712	10.8	2.6	.6	.0	.4	29.0	14.9	4.6	25.3	37.6	38	76
Sumner	64,077	8.1	1.6	.9	.3	.3	28.7	13.4	6.6	24.3	35.2	32	81
Tipton	23,727	8.4	3.4	.8	.0	.0	27.0	11.8	7.6	24.9	35.7	34	79
Trousdale	4,261	14.1	14.1	4.7	.0	.0	61.0	23.5	4.7	57.1	76.2	96	1
Unicoi	12,136	18.1	6.6	6.6	.0	1.6	33.0	9.9	9.9	42.7	59.5	87	11
Union	8,673	6.9	4.6	.0	.0	.0	36.9	18.4	4.6	28.8	40.5	50	56
Van Buren	3,357	6.0	.0	.0	.0	.0	71.5	11.9	23.8	46.0	63.2	91	7
Warren	23,605	10.2	2.5	.8	.0	.0	29.7	23.7	6.8	27.9	41.9	51	55
Washington	67,728	11.8	4.4	.6	.3	.0	31.3	15.1	5.9	29.1	42.5	54	49
Wayne	10,004	6.0	2.0	4.0	.0	.0	54.0	6.0	12.0	38.0	50.2	77	19

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirr-hosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide	Range of Rates: Mini-mum	Range of Rates: Maxi-mum	Rank in U.S. (Per-cen-tile)	Rank in State
Weakley	24,460	4.9	0.8	0.0	0.8	0.0	25.3	25.3	4.9	21.7	32.2	22	89
White	14,457	12.5	2.8	2.8	1.4	.0	29.1	15.2	11.1	32.5	46.9	65	32
Williamson	44,544	5.4	.9	.0	.4	.0	24.7	18.9	8.1	21.5	31.7	21	91
Wilson	42,308	12.3	.5	.0	.0	1.9	33.6	19.4	5.2	27.8	42.3	51	53
Texas	10,987,505	11.3	1.5	.4	.1	.2	31.7	16.4	19.5	32.6	48.3	-	-
Anderson	31,213	9.0	1.9	1.3	.0	.0	44.2	14.1	16.0	35.8	50.6	75	75
Andrews	10,205	5.9	2.0	.0	2.0	.0	49.0	25.5	5.9	34.8	48.7	71	86
Angelina	45,935	9.1	.9	.9	.4	.4	39.6	15.2	15.2	33.2	47.7	67	98
Aransas	11,590	10.4	1.7	.0	.0	.0	31.1	15.5	6.9	25.4	38.2	39	203
Archer	5,511	10.9	3.6	.0	.0	.0	25.4	18.1	7.3	25.8	38.8	41	200
Armstrong	1,370	.0	.0	.0	.0	.0	58.4	29.2	.0	30.4	41.7	54	155
Atascosa	18,057	6.6	1.1	1.1	.0	.0	43.2	16.6	11.1	31.6	44.7	60	124
Austin	13,266	7.5	.0	.0	.0	.0	54.3	12.1	12.1	34.0	48.1	69	91
Bailey	5,599	3.6	.0	.0	.0	.0	39.3	14.3	10.7	25.9	36.4	37	207
Bandera	5,854	10.2	.0	.0	.0	.0	54.7	10.2	6.8	32.4	46.9	65	108
Bastrop	20,392	12.8	.0	1.0	.0	1.0	62.8	13.7	17.7	44.6	63.7	90	23
Baylor	3,573	11.2	.0	.0	.0	.0	33.6	.0	5.6	21.3	32.0	21	226
Bee	18,521	20.5	1.1	.0	.0	.0	50.8	16.2	15.1	41.2	63.1	88	29
Bell	124,532	7.2	.0	.3	.0	.2	34.4	14.5	13.3	27.0	39.4	44	184
Bexar	751,733	14.6	1.1	.2	.0	.0	25.5	14.6	24.2	32.3	49.6	69	92
Blanco	3,596	11.1	.0	.0	.0	.0	50.1	38.9	11.1	38.6	58.6	84	43
Borden	668	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	...	...
Bosque	9,812	8.2	2.0	.0	.0	.0	55.0	12.2	14.3	37.6	52.6	79	60
Bowie	55,203	8.3	2.2	.7	.0	.0	26.8	22.5	12.3	27.9	41.2	49	172
Brazoria	127,750	8.8	1.3	.0	.0	.2	42.7	17.4	12.5	32.3	46.8	65	110
Brazos	84,189	5.9	.7	.2	.0	.0	21.4	9.3	7.8	17.9	26.4	8	242
Brewster	5,842	13.7	3.4	.0	.0	.0	34.2	24.0	17.1	36.3	54.4	79	57
Briscoe	1,695	.0	.0	.0	.0	.0	47.2	11.8	11.8	27.7	36.9	41	198
Brooks	5,953	30.2	.0	.0	.0	.0	26.9	26.9	16.8	37.0	63.7	86	36
Brown	24,062	12.5	.8	.8	.0	.0	34.9	16.6	10.8	29.8	45.1	59	133
Burleson	9,424	12.7	.0	.0	.0	.0	61.5	14.9	17.0	42.0	61.1	87	31
Burnet	14,308	5.6	1.4	.0	.0	.0	40.5	15.4	11.2	29.0	41.0	51	168
Caldwell	18,489	14.1	4.3	1.1	.0	.0	32.5	10.8	10.8	32.1	46.9	65	112
Calhoun	14,859	10.8	.0	.0	.0	.0	37.7	18.8	10.8	29.1	44.1	56	146
Callahan	8,626	13.9	.0	2.3	.0	.0	41.7	4.6	2.3	27.6	40.9	48	175
Cameron	153,255	9.8	1.0	.0	.0	.0	26.6	9.8	15.0	25.2	37.7	38	205
Camp	6,748	14.8	.0	.0	.0	.0	59.3	20.7	17.8	43.5	64.6	90	24
Carson	4,852	8.2	.0	.0	.0	.0	28.9	16.5	12.4	24.6	37.1	36	208
Cass	20,730	10.6	1.0	.0	.0	.0	49.2	16.4	9.6	33.8	49.4	71	88
Castro	6,581	6.1	.0	.0	.0	.0	48.6	15.2	15.2	33.1	46.9	66	104
Chambers	13,143	7.6	.0	.0	.0	.0	47.2	19.8	6.1	29.8	43.4	56	144
Cherokee	27,229	8.1	.7	.0	.0	.0	43.3	22.0	8.8	30.8	45.2	60	129
Childress	4,605	.0	.0	.0	.0	.0	34.7	13.0	4.3	19.2	26.0	9	240
Clay	6,993	14.3	.0	.0	.0	.0	20.0	14.3	2.9	18.5	31.3	15	235
Cochran	3,115	6.4	.0	.0	.0	.0	44.9	.0	12.8	27.5	38.1	43	189
Coke	2,462	.0	.0	.0	.0	.0	40.6	8.1	8.1	22.5	29.7	19	230
Coleman	7,343	8.2	2.7	.0	.0	.0	32.7	21.8	2.7	25.4	37.6	38	204
Collin	115,360	5.4	1.0	.7	.0	.0	27.7	15.1	6.8	21.8	31.4	21	229
Collingsworth	2,946	13.6	.0	.0	.0	.0	33.9	13.6	.0	22.5	35.9	30	219
Colorado	13,501	19.3	3.0	1.5	.0	.0	69.6	13.3	7.4	47.7	69.3	93	16
Comal	29,589	12.2	1.4	1.4	.0	.0	43.9	16.9	7.4	33.0	48.6	69	95
Comanche	8,973	24.5	2.2	.0	.0	.0	35.7	20.1	2.2	32.3	53.3	74	78
Concho	1,954	.0	.0	.0	.0	.0	51.2	.0	.0	21.5	27.1	13	237
Cooke	19,998	4.0	.0	1.0	.0	.0	39.0	24.0	12.0	29.5	42.0	53	160
Coryell	43,124	4.2	.5	.0	.0	.0	16.7	6.5	5.6	13.1	19.2	1	248
Cottle	1,889	42.3	10.6	.0	.0	.0	63.5	21.2	.0	58.9	92.3	98	2
Crane	3,434	5.8	.0	.0	.0	.0	46.6	11.6	11.6	29.8	42.0	54	158
Crockett	3,342	12.0	6.0	.0	.0	.0	89.8	.0	6.0	51.4	68.8	94	11

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Crosby	5,713	0.0	0.0	0.0	0.0	0.0	10.5	21.0	14.0	15.2	22.3	3	247
Culberson	2,416	24.8	.0	.0	.0	.0	99.3	8.3	16.6	61.3	89.9	98	1
Dallam	4,364	9.2	.0	.0	4.6	.0	87.1	18.3	9.2	52.9	72.1	95	8
Dallas	1,231,176	11.1	3.8	.7	.2	.1	25.3	18.9	26.3	36.1	52.6	77	65
Dawson	11,056	14.5	.0	.0	.0	.0	23.5	7.2	10.9	22.4	35.8	30	220
Deaf Smith	13,578	10.3	1.5	.0	.0	.0	30.9	17.7	17.7	30.5	45.5	60	128
Delta	3,302	.0	12.1	.0	.0	.0	24.2	6.1	18.2	32.0	38.8	52	164
Denton	121,779	6.9	1.1	.3	.2	.0	29.9	15.6	7.7	23.8	34.7	30	218
De Witt	13,093	10.7	1.5	.0	.0	.0	45.8	15.3	12.2	34.0	49.4	71	87
Dickens	2,154	.0	.0	.0	.0	.0	18.6	.0	9.3	12.2	15.8	0	249
Dimmit	7,621	13.1	2.6	2.6	.0	.0	31.5	5.2	18.4	33.5	48.1	69	93
Donley	2,933	13.6	6.8	.0	.0	.0	34.1	.0	6.8	29.9	42.2	55	153
Duval	8,494	16.5	.0	.0	.0	.0	61.2	14.1	21.2	45.3	66.9	92	20
Eastland	14,201	14.1	.0	.0	.0	.0	32.4	19.7	4.2	25.3	40.5	43	188
Ector	90,677	11.5	2.2	.4	1.3	.0	37.9	23.2	23.6	40.3	58.6	85	40
Edwards	1,382	28.9	.0	.0	.0	.0	14.5	14.5	14.5	27.6	49.8	62	121
Ellis	45,078	7.1	.9	.9	.4	.0	34.6	16.0	15.1	29.9	42.9	56	149
El Paso	352,442	14.8	1.4	.6	.2	.0	26.7	14.5	9.4	26.7	41.7	48	176
Erath	17,238	7.0	1.2	.0	.0	.0	37.1	17.4	3.5	24.7	36.1	35	211
Falls	12,237	9.8	1.6	.0	.0	.0	37.6	8.2	9.8	27.7	40.2	47	177
Fannin	16,974	11.8	1.2	.0	.0	.0	41.2	16.5	4.7	28.8	43.3	55	152
Fayette	13,813	17.4	4.3	.0	.0	.0	46.3	18.8	7.2	38.1	57.0	82	50
Fisher	4,014	10.0	.0	.0	.0	.0	29.9	14.9	5.0	22.0	34.0	25	222
Floyd	6,241	6.4	.0	.0	.0	.0	28.8	6.4	6.4	19.0	27.8	11	239
Foard	1,379	.0	.0	.0	.0	.0	29.0	58.0	.0	23.8	36.8	34	214
Fort Bend	109,701	6.7	.7	.0	.0	.0	29.7	14.4	16.6	26.7	38.8	42	192
Franklin	4,995	16.0	.0	.0	.0	.0	32.0	20.0	24.0	35.3	55.0	79	59
Freestone	10,901	5.5	.0	1.8	.0	.0	51.4	14.7	9.2	32.9	45.6	64	116
Frio	8,816	11.3	.0	.0	.0	.0	34.0	15.9	15.9	29.6	44.8	58	136
Gaines	9,071	2.2	4.4	.0	.0	.0	50.7	15.4	6.6	32.8	43.3	60	126
Galveston	150,179	15.2	1.9	.5	.1	.1	31.7	20.9	20.0	35.8	54.4	78	61
Garza	3,838	20.8	.0	.0	.0	.0	78.2	26.1	10.4	51.5	77.5	96	5
Gillespie	10,288	13.6	3.9	.0	.0	.0	38.9	19.4	3.9	31.5	47.1	64	113
Glasscock	843	.0	.0	.0	.0	.0	47.4	23.7	.0	24.7	33.9	30	217
Goliad	3,795	10.5	10.5	.0	.0	.0	42.2	5.3	.0	33.6	44.8	64	117
Gonzales	12,036	10.0	.0	.0	.0	.0	44.9	15.0	16.6	33.7	49.4	71	89
Gray	19,160	10.4	.0	1.0	.0	.0	21.9	15.7	13.6	24.0	37.1	35	209
Grayson	66,660	11.1	2.7	.6	.6	.0	42.0	17.1	9.9	34.2	49.4	71	85
Gregg	76,568	10.7	.5	.3	.0	.0	41.5	17.0	20.9	35.8	52.6	77	67
Grimes	11,119	9.0	.0	.0	.0	.0	46.8	10.8	18.0	33.9	48.8	70	90
Guadalupe	36,273	8.3	1.7	.0	.0	.0	37.5	23.2	11.6	30.9	45.4	60	125
Hale	25,550	7.0	.8	.8	.0	.0	33.7	14.9	12.5	27.5	39.6	46	182
Hall	3,654	21.9	.0	.0	.0	.0	38.3	16.4	10.9	33.5	54.2	76	72
Hamilton	5,633	17.8	7.1	.0	.0	.0	53.3	21.3	14.2	47.7	69.2	93	17
Hansford	4,483	4.5	.0	.0	.0	.0	49.1	22.3	4.5	29.0	41.4	51	166
Hardeman	4,346	13.8	4.6	.0	.0	.0	36.8	9.2	4.6	29.7	43.6	57	142
Hardin	29,220	11.6	.0	.7	.0	.7	47.9	11.0	13.7	34.9	50.6	74	80
Harris	1,928,136	11.8	.8	.4	.1	.6	29.2	18.7	33.7	38.5	57.0	83	49
Harrison	38,065	18.9	3.2	1.1	.5	.5	35.7	14.2	18.9	39.7	59.5	85	39
Hartley	2,829	7.1	.0	.0	.0	.0	21.2	14.1	.0	14.6	23.2	3	246
Haskell	5,219	19.2	3.8	.0	.0	.0	38.3	15.3	7.7	34.5	52.9	76	74
Hays	36,321	8.8	1.1	1.1	.0	.0	29.2	14.3	10.5	25.9	38.0	39	202
Hemphill	3,705	5.4	.0	.0	.0	.0	37.8	10.8	16.2	27.9	39.5	46	181
Henderson	34,478	12.8	.6	.0	.0	.0	49.3	18.0	19.1	39.1	57.7	84	45
Hidalgo	208,288	11.1	.5	.4	.1	.0	25.5	7.8	9.2	22.1	33.9	25	223
Hill	18,355	10.9	.0	1.1	.0	.0	32.7	8.7	13.1	27.2	40.4	46	178
Hockley	16,437	6.1	2.4	1.2	.0	.0	46.2	12.2	6.1	30.9	42.3	56	145
Hood	15,793	10.1	.0	.0	.0	.0	40.5	15.2	7.6	27.8	41.6	50	170
Hopkins	18,942	8.4	4.2	.0	.0	.0	33.8	16.9	5.3	27.7	39.8	46	179
Houston	16,144	6.2	2.5	.0	.0	.0	38.4	2.5	16.1	29.2	39.9	49	171

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Howard	25,552	14.1	1.6	0.8	0.0	0.0	37.6	17.2	20.4	36.9	55.0	80	55
Hudspeth	1,742	.0	.0	.0	.0	.0	45.9	.0	.0	19.3	24.3	7	243
Hunt	43,598	6.4	.5	.0	.0	.0	42.7	15.1	15.6	31.4	44.8	60	127
Hutchinson	19,906	13.1	1.0	1.0	.0	.0	29.1	25.1	7.0	27.9	43.7	54	159
Irion	1,163	.0	.0	.0	.0	.0	.0	17.2	.0	3.4	6.4	0	250
Jack	5,196	11.5	.0	.0	.0	.0	23.1	7.7	7.7	19.6	31.0	16	234
Jackson	9,489	12.6	2.1	.0	.0	.0	48.5	16.9	10.5	36.0	52.8	77	64
Jasper	21,664	12.9	1.8	.9	.0	.0	47.1	12.0	12.0	35.9	52.1	77	71
Jeff Davis	1,184	.0	16.9	.0	.0	.0	16.9	33.8	.0	30.7	38.3	49	173
Jefferson	184,604	15.4	2.4	.3	.2	.0	30.3	18.0	17.6	33.8	51.5	73	82
Jim Hogg	3,486	17.2	.0	.0	.0	.0	23.0	11.5	17.2	27.1	43.8	52	165
Jim Wells	25,915	11.6	.8	.8	.0	.0	50.2	13.9	10.0	34.9	50.7	74	79
Johnson	53,332	7.5	.4	.4	.8	.0	41.6	19.1	9.4	30.3	43.8	58	138
Jones	12,442	6.4	3.2	.0	1.6	.0	37.0	9.6	12.9	31.0	42.3	57	143
Karnes	9,076	26.4	.0	.0	.0	.0	57.3	15.4	13.2	44.2	69.7	92	19
Kaufman	30,403	14.5	.0	.7	1.3	.7	39.5	17.1	22.4	39.1	57.9	84	44
Kendall	8,514	14.1	.0	.0	.0	.0	35.2	14.1	.0	23.4	37.3	34	213
Kenedy	403	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	...	...
Kent	901	.0	.0	.0	.0	.0	22.2	44.4	22.2	28.6	42.4	53	162
Kerr	22,512	18.7	1.8	.0	.0	.9	40.0	16.9	10.7	35.5	54.6	78	62
Kimble	2,952	6.8	.0	.0	.0	.0	67.7	27.1	13.5	43.0	61.0	88	30
King	271	.0	.0	.0	.0	.0	73.8	.0	.0	31.0	39.1	51	167
Kinney	1,613	24.8	12.4	.0	.0	.0	62.0	.0	24.8	60.3	84.7	98	3
Kleberg	24,367	9.8	.8	.8	.0	.0	37.8	11.5	18.1	32.3	46.8	65	111
Knox	3,730	.0	5.4	.0	.0	.0	32.2	26.8	16.1	31.8	42.6	58	135
Lamar	30,466	6.6	.0	.7	.0	.0	34.8	13.1	12.5	26.4	38.2	41	199
Lamb	12,064	6.6	1.7	.0	.0	.0	29.8	9.9	13.3	25.1	35.9	35	210
Lampasas	9,306	10.7	.0	4.3	.0	.0	21.5	19.3	8.6	25.6	38.6	40	201
La Salle	3,980	15.1	.0	.0	.0	.0	25.1	10.1	30.2	32.9	50.7	71	84
Lavaca	13,217	15.1	6.1	.0	.0	.0	31.8	21.2	4.5	32.0	48.0	66	105
Lee	8,772	11.4	.0	.0	.0	.0	66.1	16.0	18.2	44.2	63.5	90	26
Leon	7,671	20.9	.0	.0	.0	.0	73.0	18.3	15.6	50.2	75.3	96	7
Liberty	36,081	12.2	2.8	.6	.0	.6	61.0	18.3	24.4	49.6	70.2	94	12
Limestone	14,756	13.6	.0	1.4	.0	.0	44.7	21.7	16.3	37.7	56.4	82	51
Lipscomb	2,527	.0	.0	.0	.0	.0	39.6	31.7	.0	23.0	32.7	25	224
Live Oak	6,559	3.0	.0	.0	.0	.0	42.7	15.2	6.1	25.1	35.1	33	215
Llano	8,436	19.0	.0	.0	.0	.0	47.4	28.5	11.9	39.0	61.3	86	38
Loving	66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	...	...
Lubbock	161,277	7.6	.5	.1	.0	.1	24.4	16.7	18.8	26.3	39.1	42	194
Lynn	5,494	10.9	.0	.0	.0	.0	61.9	21.8	.0	34.8	51.3	74	76
McCulloch	6,016	16.6	.0	3.3	.0	.0	49.9	13.3	13.3	40.0	59.0	85	41
McLennan	129,111	11.8	.9	.2	.3	.2	26.2	14.6	11.9	25.9	39.6	42	191
McMullen	625	.0	.0	.0	.0	.0	64.0	.0	.0	26.9	33.9	34	212
Madison	8,459	2.4	.0	.0	.0	.0	40.2	2.4	9.5	22.8	30.5	21	228
Marion	7,237	8.3	2.8	2.8	.0	.0	47.0	8.3	41.5	49.8	67.9	93	14
Martin	3,381	11.8	.0	.0	.0	.0	53.2	11.8	.0	29.6	43.8	57	141
Mason	2,466	8.1	.0	.0	.0	.0	56.8	8.1	8.1	32.6	46.0	64	114
Matagorda	26,624	15.8	.8	.0	.0	.0	55.6	9.0	19.5	41.5	61.0	87	33
Maverick	21,675	4.6	.0	.0	.0	.0	25.8	2.8	5.5	15.9	22.6	4	245
Medina	16,146	7.4	.0	.0	.0	.0	50.8	9.9	8.7	30.4	43.2	57	140
Menard	1,608	.0	.0	.0	.0	.0	62.2	12.4	24.9	40.3	53.5	82	52
Midland	69,905	10.9	2.3	1.7	.0	.0	33.5	17.5	13.2	32.2	47.0	65	109
Milam	15,489	15.5	.0	.0	.0	.0	31.0	10.3	24.5	33.0	50.7	71	83
Mills	3,167	12.6	.0	.0	.0	.0	44.2	12.6	.0	26.3	40.1	44	185
Mitchell	6,196	12.9	6.5	.0	.0	.0	32.3	6.5	6.5	29.6	42.4	54	156
Montague	12,694	17.3	3.2	.0	.0	.0	47.3	14.2	9.5	37.4	56.0	81	53
Montgomery	107,476	9.5	.4	.2	.4	.4	40.0	19.0	14.9	32.8	48.1	67	99
Moore	11,621	8.6	3.4	.0	1.7	.0	31.0	27.5	12.0	32.9	47.7	67	100
Morris	10,280	15.6	1.9	.0	1.9	.0	58.4	19.5	23.3	49.7	71.8	95	10
Motley	1,272	.0	.0	.0	.0	.0	47.2	.0	.0	19.8	25.0	8	241

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Nacogdoches	36,649	8.2	0.5	1.1	0.0	0.0	43.1	14.2	15.3	33.1	47.3	67	102
Navarro	25,659	8.6	1.6	1.6	.8	.0	36.6	17.9	12.5	32.2	46.1	64	119
Newton	8,933	9.0	.0	.0	.0	.0	31.3	22.4	15.7	28.7	43.4	54	154
Nolan	12,145	9.9	.0	1.6	.0	.0	42.8	14.8	4.9	29.0	42.4	53	161
Nueces	200,396	14.0	5.4	.4	.1	.1	27.9	17.6	18.8	35.8	52.6	77	68
Ochiltree	7,177	.0	5.6	.0	.0	.0	41.8	22.3	8.4	31.5	41.3	56	148
Oldham	1,776	22.5	.0	.0	.0	.0	11.3	11.3	.0	16.2	31.5	12	238
Orange	61,058	8.2	2.3	.0	.3	.0	42.6	15.7	11.5	32.4	46.1	64	115
Palo Pinto	18,189	16.5	5.5	.0	.0	.0	40.7	17.6	12.1	38.6	57.0	83	48
Panola	15,123	9.3	.0	.0	.0	.0	55.5	17.2	18.5	39.3	56.4	83	47
Parker	35,632	7.9	1.7	.0	.0	.0	36.5	18.5	12.3	29.7	43.2	56	147
Parmer	7,157	2.8	.0	.0	.0	.0	41.9	11.2	5.6	23.6	32.6	26	221
Pecos	10,903	12.8	.0	1.8	.0	.0	67.9	11.0	12.8	43.8	62.3	89	27
Polk	19,135	9.4	.0	1.0	.0	.0	44.9	15.7	13.6	33.3	48.3	69	94
Potter	74,743	14.2	.5	.3	.3	.0	34.5	24.9	19.8	35.7	54.7	79	58
Presidio	3,614	27.7	.0	.0	.0	.0	66.4	11.1	22.1	51.9	79.7	96	4
Rains	3,905	25.6	.0	.0	.0	.0	56.3	10.2	15.4	43.4	67.8	91	21
Randall	59,007	7.8	.7	.3	.0	.0	22.4	12.9	7.1	19.5	29.6	14	236
Reagan	2,958	6.8	.0	.0	.0	.0	67.6	6.8	.0	32.5	44.8	62	123
Real	1,857	.0	.0	.0	.0	.0	53.9	.0	.0	22.6	28.5	17	233
Red River	10,660	15.0	3.8	.0	.0	.0	46.9	20.6	16.9	41.7	61.3	87	32
Reeves	10,736	24.2	1.9	.0	.0	.0	46.6	11.2	18.6	42.3	65.6	90	25
Refugio	6,544	9.2	3.1	.0	.0	.0	61.1	15.3	6.1	38.4	53.7	80	54
Roberts	737	27.1	.0	.0	.0	.0	54.3	.0	.0	33.9	54.5	77	66
Robertson	10,326	1.9	3.9	.0	.0	.0	54.2	9.7	11.6	34.8	45.5	66	103
Rockwall	12,560	6.4	.0	.0	.0	.0	33.4	31.8	8.0	26.8	40.7	46	180
Runnels	8,170	7.3	.0	.0	.0	.0	36.7	19.6	12.2	28.1	41.5	50	169
Rusk	29,165	6.9	.0	.0	.0	.0	48.0	8.2	23.3	35.6	49.9	73	81
Sabine	6,635	18.1	.0	.0	3.0	.0	66.3	24.1	3.0	44.5	66.2	91	22
San Augustine	6,308	9.5	.0	.0	.0	.0	53.9	12.7	6.3	32.1	46.4	64	118
San Jacinto	8,891	15.7	2.2	2.2	.0	.0	60.7	18.0	15.7	47.5	68.4	93	18
San Patricio	40,159	13.4	.5	.0	.0	.0	40.3	9.0	15.4	32.0	47.8	66	106
San Saba	4,052	14.8	.0	.0	.0	.0	34.6	14.8	14.8	30.5	47.3	63	120
Schleicher	2,112	9.5	.0	.0	.0	.0	28.4	.0	.0	15.8	24.0	4	244
Scurry	13,516	8.9	1.5	1.5	.0	.0	38.5	10.4	13.3	31.1	44.1	59	131
Shackelford	2,658	7.5	.0	.0	.0	.0	52.7	22.6	7.5	33.3	48.2	68	96
Shelby	16,501	12.1	1.2	.0	.0	1.2	44.8	9.7	19.4	37.3	53.7	79	56
Sherman	2,267	.0	.0	.0	.0	.0	114.7	8.8	8.8	54.1	69.7	95	9
Smith	99,315	8.1	1.4	.6	.0	.4	33.6	19.1	18.9	32.6	47.1	66	107
Somervell	2,980	13.4	.0	.0	.0	.0	40.3	26.8	26.8	40.4	61.2	86	34
Starr	19,553	8.2	.0	.0	.0	.0	29.7	10.2	18.4	26.5	39.1	42	190
Stephens	7,187	13.9	.0	.0	.0	.0	41.7	16.7	11.1	31.8	48.6	67	101
Sterling	979	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	...	...
Stonewall	1,647	12.1	.0	.0	.0	.0	36.4	24.3	.0	25.1	39.8	42	197
Sutton	3,652	.0	5.5	5.5	.0	.0	71.2	38.3	5.5	51.1	66.4	93	15
Swisher	6,407	6.2	3.1	.0	.0	.0	34.3	12.5	15.6	29.9	41.9	54	157
Tarrant	693,123	13.3	1.4	.3	.0	.1	29.8	15.5	20.0	32.3	48.8	68	97
Taylor	85,808	8.9	.9	.2	.5	.0	26.8	16.3	11.0	24.9	37.3	37	206
Terrell	1,082	55.5	.0	.0	.0	.0	55.5	.0	.0	46.0	82.1	96	6
Terry	10,106	5.9	4.0	.0	.0	.0	31.7	21.8	5.9	26.8	38.2	42	196
Throckmorton	1,545	.0	.0	.0	.0	.0	51.8	38.8	12.9	35.6	50.1	74	77
Titus	15,452	9.1	1.3	1.3	1.3	1.3	53.1	18.1	19.4	43.9	61.0	88	28
Tom Green	66,795	14.1	.0	.0	.0	.0	30.8	20.1	12.9	28.8	45.4	58	137
Travis	358,858	9.0	2.6	.3	.2	.2	28.4	17.5	15.4	29.6	43.2	55	150
Trinity	7,398	13.5	2.7	.0	.0	.0	32.4	13.5	13.5	30.9	46.4	62	122
Tyler	12,128	8.2	.0	1.6	.0	.0	21.4	13.2	8.2	20.5	31.0	17	232
Upshur	21,237	9.4	1.9	.0	.0	.0	33.0	11.3	13.2	28.0	40.9	49	174
Upton	3,485	5.7	.0	.0	.0	.0	45.9	11.5	28.7	37.4	52.4	78	63
Uvalde	15,852	8.8	1.3	.0	.0	.0	32.8	10.1	12.6	26.6	38.8	42	193
Val Verde	25,234	13.5	.8	.0	.8	.0	19.0	8.7	7.9	20.6	32.8	21	227

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Van Zandt.........	24,206	7.4	0.0	0.0	0.8	0.0	52.1	24.8	11.6	36.1	52.1	77	70
Victoria..........	50,638	12.2	1.2	.0	.0	.0	37.5	14.2	11.8	30.4	45.5	60	130
Walker............	37,676	9.0	.5	.0	.0	.0	25.5	10.1	8.0	20.7	31.4	19	231
Waller............	15,924	15.1	.0	.0	.0	1.3	41.4	8.8	18.8	35.5	52.9	77	69
Ward..............	10,079	9.9	.0	.0	.0	.0	51.6	31.7	17.9	40.5	59.9	86	37
Washington........	16,733	7.2	.0	.0	.0	.0	41.8	21.5	8.4	28.7	42.3	53	163
Webb..............	71,210	18.5	1.1	.3	.0	.0	16.0	9.8	15.4	25.0	41.0	43	187
Wharton...........	27,870	7.2	.0	.0	.0	.0	40.9	7.2	12.2	27.3	39.0	44	186
Wheeler...........	5,021	12.0	.0	.0	.0	.0	79.7	.0	4.0	40.2	56.1	83	46
Wichita...........	91,685	13.3	1.7	.7	.2	.0	27.3	14.6	13.3	28.7	43.6	55	151
Wilbarger.........	11,384	3.5	.0	.0	.0	.0	24.6	19.3	14.1	22.2	32.5	23	225
Willacy...........	12,087	13.2	.0	1.7	.0	.0	33.1	5.0	9.9	26.6	40.0	45	183
Williamson........	62,367	7.7	.6	.0	.0	.0	34.0	16.0	5.8	24.0	35.6	32	216
Wilson............	12,085	6.6	.0	.0	.0	.0	49.6	13.2	9.9	30.9	43.9	59	134
Winkler...........	7,044	11.4	.0	.0	.0	.0	48.3	31.2	19.9	40.5	60.6	86	35
Wise..............	20,204	6.9	.0	.0	.0	1.0	48.5	16.8	5.9	30.4	43.3	57	139
Wood..............	18,672	15.0	.0	1.1	.0	.0	45.0	16.1	11.8	34.9	52.6	76	73
Yoakum............	6,111	3.3	3.3	.0	.0	.0	55.6	13.1	3.3	32.1	42.8	59	132
Young.............	13,686	5.8	4.4	.0	1.5	.0	35.1	13.2	4.4	27.7	37.7	42	195
Zapata............	5,034	27.8	.0	.0	.0	.0	71.5	.0	11.9	47.0	72.0	94	13
Zavala............	7,631	23.6	.0	.0	.0	.0	41.9	10.5	18.3	38.0	60.3	85	42
Utah................	1,015,890	8.7	1.6	.5	.2	.1	26.7	18.8	4.3	22.9	34.4	-	-
Beaver............	2,974	6.7	.0	.0	.0	.0	53.8	33.6	.0	32.1	47.3	65	8
Box Elder.........	21,670	9.2	1.8	.0	.0	.0	28.6	15.7	3.7	22.5	33.9	26	21
Cache.............	40,230	6.5	1.5	.0	.0	.0	16.9	15.9	1.0	14.9	23.1	3	26
Carbon............	15,302	10.5	3.9	.0	.0	.0	31.4	26.1	5.2	29.1	43.5	55	12
Daggett...........	510	.0	.0	.0	.0	.0	39.2	.0	.0	16.5	20.8	3	27
Davis.............	100,627	5.2	.6	.2	.0	.0	18.9	13.5	2.4	14.7	22.2	3	28
Duchesne..........	8,783	11.4	.0	.0	.0	.0	47.8	36.4	4.6	34.2	52.6	75	7
Emery.............	7,184	8.4	.0	.0	.0	.0	30.6	19.5	8.4	24.1	36.7	34	15
Garfield..........	2,576	.0	7.8	.0	.0	.0	54.3	38.8	7.8	42.0	55.9	84	5
Grand.............	5,383	11.1	3.7	.0	.0	.0	78.0	18.6	7.4	48.3	67.3	93	3
Iron..............	12,004	10.0	3.3	.0	.0	.0	23.3	16.7	5.0	22.9	34.6	29	19
Juab..............	3,549	28.2	5.6	.0	.0	.0	56.4	5.6	.0	42.0	64.4	89	4
Kane..............	2,758	7.3	7.3	.0	.0	.0	21.8	21.8	.0	23.7	33.7	29	20
Millard...........	6,867	2.9	.0	.0	.0	.0	37.9	14.6	2.9	21.4	30.1	17	23
Morgan............	3,039	6.6	.0	.0	.0	.0	26.3	19.7	.0	17.7	27.5	9	24
Piute.............	871	23.0	.0	.0	.0	.0	23.0	45.9	.0	28.2	51.0	65	9
Rich..............	1,397	.0	.0	.0	.0	.0	42.9	.0	.0	18.0	22.8	5	25
Salt Lake.........	437,109	10.2	1.3	.6	.2	.1	24.4	20.9	5.2	23.3	35.9	31	17
San Juan..........	6,737	14.8	8.9	11.9	.0	.0	86.1	26.7	8.9	72.6	96.1	98	1
Sanpete...........	9,526	14.7	2.1	.0	.0	.0	44.1	18.9	.0	30.4	46.4	61	10
Sevier............	9,432	8.5	.0	2.1	.0	.0	31.8	23.3	.0	23.6	35.7	31	16
Summit............	7,617	7.9	.0	.0	.0	.0	42.0	28.9	5.3	29.1	43.8	56	11
Tooele............	17,688	9.0	2.3	1.1	.0	2.3	49.8	36.2	3.4	39.1	56.2	83	6
Uintah............	14,470	31.8	8.3	1.4	1.4	.0	69.1	30.4	12.4	65.0	97.1	98	2
Utah..............	149,433	2.4	.9	.1	.1	.0	22.2	11.4	2.1	14.8	20.8	2	29
Wasatch...........	5,635	3.5	.0	3.5	.0	.0	39.0	17.7	.0	25.0	34.2	31	18
Washington........	18,576	6.5	1.1	.0	.0	.0	32.3	17.2	2.2	21.7	32.1	22	22
Wayne.............	1,231	16.3	.0	.0	.0	.0	32.5	.0	16.3	28.0	43.1	53	13
Weber.............	102,713	11.1	3.1	.4	.4	.0	26.7	19.1	6.2	26.4	39.6	43	14
Vermont.............	379,313	12.2	2.2	.2	.4	.3	26.7	18.5	2.9	24.4	37.6	-	-
Addison...........	21,874	9.1	.0	.0	.0	.0	33.8	15.5	1.8	21.9	33.5	24	12
Bennington........	24,619	14.6	5.7	.0	.8	.8	31.7	21.1	4.1	32.7	48.4	68	2
Caledonia.........	18,560	14.0	1.1	1.1	.0	.0	20.5	23.7	3.2	22.8	37.2	32	10
Chittenden........	89,359	10.7	.7	.2	.0	.7	15.4	16.3	2.0	16.7	27.3	7	14

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Essex	4,434	4.5	0.0	0.0	0.0	0.0	40.6	22.6	9.0	27.6	39.9	46	8
Franklin	24,560	14.7	4.9	.0	.0	.0	32.6	6.5	4.1	27.8	41.1	49	7
Grand Isle	3,471	23.0	.0	.0	.0	.0	34.6	17.3	5.8	30.1	50.3	67	3
Lamoille	12,639	14.2	1.6	.0	.0	.0	44.3	30.1	7.9	35.8	54.8	79	1
Orange	16,544	6.0	2.4	.0	.0	.0	24.2	25.4	2.4	21.3	31.9	21	13
Orleans	16,353	20.8	1.2	.0	.0	.0	31.8	22.0	3.7	29.2	48.3	62	4
Rutland	42,753	11.2	4.2	.5	.5	.0	33.7	20.6	3.3	29.6	43.4	56	5
Washington	38,639	12.9	3.1	.0	1.0	.0	21.2	18.1	.5	22.2	34.7	28	11
Windham	27,760	15.8	.7	.0	1.4	.7	34.6	16.6	1.4	27.9	43.3	53	6
Windsor	37,749	9.5	2.1	.5	.5	.5	28.1	19.6	4.2	25.3	37.6	38	9
Virginia	4,134,837	12.3	3.2	.4	.4	1.3	21.4	16.6	10.3	27.5	41.1	-	-
Accomack	22,508	16.0	5.3	1.8	1.8	.0	34.7	16.0	10.7	38.2	55.2	81	34
Albemarle	44,388	5.4	1.8	.0	.9	.5	23.4	14.0	9.0	22.2	31.6	22	118
Alleghany	10,291	9.7	1.9	.0	.0	.0	29.2	17.5	13.6	28.1	41.8	51	88
Amelia	6,138	6.5	6.5	.0	.0	3.3	32.6	16.3	16.3	37.0	49.7	75	49
Amherst	21,749	16.6	.0	.0	.0	.0	29.4	12.9	6.4	24.7	40.2	41	99
Appomattox	8,769	18.2	4.6	.0	2.3	.0	45.6	6.8	2.3	35.9	52.3	77	44
Arlington	130,699	15.3	.6	.0	.3	1.5	9.9	15.1	5.2	18.4	31.2	14	125
Augusta	40,512	11.4	1.5	.0	.0	.5	37.0	13.8	7.4	28.4	42.2	52	83
Bath	4,082	14.7	24.5	.0	.0	.0	34.3	19.6	.0	48.8	63.9	92	11
Bedford	26,678	7.5	2.2	.0	.0	1.5	28.5	20.2	12.7	28.8	41.6	52	85
Bland	4,839	16.5	.0	.0	4.1	.0	20.7	20.7	8.3	27.6	43.7	53	82
Botetourt	17,607	10.2	3.4	.0	.0	2.3	27.3	20.4	6.8	28.6	41.8	51	86
Brunswick	11,746	10.2	10.2	1.7	1.7	6.8	37.5	15.3	20.4	53.0	68.7	95	4
Buchanan	26,547	6.0	1.5	1.5	.0	1.5	42.9	16.6	15.8	35.8	49.3	73	58
Buckingham	8,602	4.6	4.6	.0	.0	7.0	32.5	18.6	9.3	35.3	46.1	68	64
Campbell	33,894	8.9	3.0	1.2	.0	1.2	20.7	23.0	8.3	26.1	38.5	41	101
Caroline	13,311	15.0	3.0	.0	.0	.0	43.6	18.0	13.5	37.4	55.7	81	36
Carroll	20,513	3.9	4.9	1.0	.0	1.9	32.2	19.5	5.8	29.6	39.5	49	92
Charles City	4,971	8.0	.0	.0	.0	.0	40.2	16.1	16.1	31.0	45.2	60	71
Charlotte	8,524	14.1	4.7	.0	.0	.0	44.6	25.8	2.3	35.5	52.7	77	45
Chesterfield	109,867	8.0	1.6	.0	.2	.5	17.5	15.7	7.8	19.8	30.0	15	124
Clarke	7,385	13.5	2.7	.0	.0	.0	40.6	13.5	2.7	29.3	43.8	56	76
Craig	2,978	.0	.0	.0	.0	.0	33.6	40.3	.0	22.2	32.7	23	117
Culpeper	16,600	10.8	1.2	.0	1.2	.0	37.4	16.9	7.2	29.3	43.4	55	77
Cumberland	5,486	14.6	.0	.0	.0	.0	43.7	32.8	18.2	39.5	60.8	86	28
Dickenson	14,096	11.4	.0	.0	1.4	2.8	29.8	38.3	15.6	36.4	55.0	80	39
Dinwiddie	16,273	9.8	2.5	.0	1.2	1.2	41.8	17.2	12.3	35.7	50.6	75	53
Essex	6,421	9.3	.0	.0	.0	.0	34.3	9.3	15.6	27.4	40.5	47	95
Fairfax	483,453	7.7	.6	.1	.0	.4	13.4	14.3	3.1	14.2	22.8	3	133
Fauquier	27,594	13.8	2.9	.0	.0	.7	31.9	17.4	8.7	30.2	45.6	60	72
Floyd	8,489	23.6	14.1	4.7	.0	2.4	63.6	16.5	4.7	63.1	86.4	98	1
Fluvanna	7,567	15.9	.0	.0	2.6	.0	39.6	10.6	21.1	37.8	56.2	82	32
Franklin	27,214	12.5	3.7	.0	.7	1.5	35.3	22.8	6.6	33.5	49.1	70	62
Frederick	25,490	19.6	1.6	.0	.0	.8	18.8	19.6	3.9	24.1	40.7	41	100
Giles	13,148	18.3	4.6	1.5	1.5	3.0	27.4	21.3	6.1	36.8	54.3	79	40
Gloucester	16,677	15.6	1.2	.0	.0	1.2	34.8	19.2	14.4	34.0	52.0	74	55
Goochland	9,256	8.6	2.2	.0	.0	2.2	41.1	15.1	6.5	31.2	44.0	59	73
Grayson	12,081	9.9	1.7	.0	.0	.0	39.7	18.2	5.0	28.4	42.1	52	84
Greene	5,823	6.9	.0	.0	.0	3.4	34.3	13.7	.0	23.4	33.2	27	115
Greensville	7,784	18.0	.0	.0	.0	2.6	51.4	12.8	20.6	43.8	64.8	90	16
Halifax	22,226	9.9	4.5	.9	.9	2.7	28.8	19.8	14.4	35.9	50.2	74	54
Hanover	38,869	6.2	2.1	.0	.0	.5	28.8	18.0	5.1	23.2	33.7	28	114
Henrico	142,109	11.8	1.1	.1	.4	1.8	15.6	17.3	6.8	21.6	33.8	24	116
Henry	42,742	11.2	8.0	.5	.5	3.3	35.6	24.3	19.7	45.8	63.3	90	15
Highland	2,142	37.3	9.3	.0	.0	.0	18.7	46.7	9.3	46.2	77.9	95	3
Isle of Wight	16,744	7.2	1.2	1.2	1.2	.0	27.5	14.3	13.1	27.1	38.7	43	97
James City	18,144	9.9	1.1	.0	1.1	.0	17.6	16.5	3.3	18.5	29.2	12	128

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates Minimum	Range of Rates Maximum	Rank in U.S. (Percentile)	Rank in State
King And Queen....	4,465	9.0	0.0	0.0	0.0	0.0	44.8	13.4	9.0	29.4	43.0	55	79
King George.......	7,819	12.8	.0	.0	.0	.0	35.8	23.0	5.1	27.3	42.9	51	87
King William......	7,080	14.1	.0	.0	.0	.0	39.5	5.6	5.6	26.2	40.1	44	96
Lancaster.........	7,771	15.4	.0	2.6	.0	2.6	25.7	28.3	15.4	35.2	53.8	78	42
Lee...............	18,557	12.9	2.2	.0	.0	6.5	30.2	22.6	16.2	38.7	55.6	82	31
Loudoun...........	43,420	8.8	.9	.5	.0	.0	27.6	10.6	4.1	20.6	30.9	17	123
Louisa............	13,577	10.3	1.5	.0	1.5	1.5	57.5	29.5	22.1	49.1	69.7	94	7
Lunenburg.........	8,852	2.3	.0	2.3	2.3	.0	33.9	11.3	9.0	26.2	34.6	34	103
Madison...........	7,538	5.3	5.3	.0	.0	2.7	55.7	26.5	18.6	47.6	64.2	91	12
Mathews...........	6,106	13.1	.0	.0	.0	3.3	26.2	22.9	6.6	27.3	42.3	50	89
Mecklenburg.......	21,747	12.9	4.6	.0	1.8	1.8	27.6	13.8	16.6	35.7	50.8	75	52
Middlesex.........	5,832	10.3	3.4	.0	.0	.0	27.4	30.9	13.7	31.8	47.9	66	67
Montgomery........	51,957	5.0	1.9	.0	.8	.4	18.5	13.9	6.9	18.9	27.2	10	131
Nelson............	9,204	19.6	4.3	2.2	2.2	.0	39.1	13.0	13.0	41.9	61.2	87	26
New Kent..........	6,813	11.7	5.9	.0	2.9	.0	44.0	32.3	11.7	44.1	62.8	89	20
Northampton.......	10,459	15.3	5.7	5.7	.0	1.9	30.6	17.2	19.1	44.9	62.7	90	17
Northumberland....	7,472	8.0	2.7	.0	.0	2.7	16.1	13.4	8.0	21.8	31.6	21	120
Nottoway..........	10,528	15.2	5.7	.0	.0	1.9	43.7	19.0	13.3	42.2	60.7	87	27
Orange............	13,739	16.0	5.8	1.5	1.5	.0	27.7	17.5	16.0	37.9	55.3	81	35
Page..............	14,318	22.3	5.6	1.4	.0	.0	21.0	22.3	5.6	32.0	51.2	71	60
Patrick...........	12,801	20.3	4.7	3.1	.0	3.1	42.2	28.1	1.6	43.3	64.0	90	19
Pittsylvania......	49,066	12.6	3.3	.8	.4	2.0	37.9	16.7	9.8	35.6	51.1	75	50
Powhatan..........	9,959	10.0	8.0	4.0	.0	4.0	20.1	16.1	4.0	33.7	44.8	64	68
Prince Edward.....	12,760	15.7	.0	.0	1.6	1.6	26.6	9.4	9.4	27.1	41.6	48	93
Prince George.....	19,012	7.4	.0	.0	.0	1.1	28.4	17.9	9.5	24.0	35.8	32	106
Prince William....	126,485	8.2	1.3	.2	.0	.2	20.9	13.4	4.3	18.4	28.2	10	129
Pulaski...........	25,827	5.4	2.3	.0	.0	3.9	24.8	16.3	6.2	25.0	34.5	32	107
Rappahannock......	4,453	4.5	4.5	.0	.0	.0	40.4	31.4	.0	29.6	41.8	53	81
Richmond..........	4,995	12.0	.0	.0	.0	.0	28.0	28.0	.0	22.3	36.6	31	108
Roanoke...........	54,156	12.2	.7	.7	.0	.0	20.3	19.2	6.6	22.0	35.2	28	113
Rockbridge........	13,683	14.6	1.5	.0	.0	1.5	33.6	24.8	10.2	32.8	50.4	71	61
Rockingham........	43,429	9.2	1.8	.5	.0	.5	26.2	10.6	3.2	21.2	31.4	19	121
Russell...........	23,348	12.0	1.7	1.7	.9	1.7	32.6	24.8	12.8	35.6	52.1	76	47
Scott.............	18,492	9.7	3.2	.0	.0	2.2	27.0	31.4	8.7	31.1	46.1	62	69
Shenandoah........	20,566	11.7	1.0	.0	.0	1.9	29.2	9.7	2.9	23.3	34.9	30	109
Smyth.............	24,717	10.5	2.4	.8	.0	2.4	23.5	27.5	8.1	29.1	43.5	55	78
Southampton.......	14,137	4.2	1.4	.0	.0	1.4	34.0	5.7	9.9	24.6	33.3	29	111
Spotsylvania......	25,689	7.0	3.9	1.6	.8	.0	36.6	17.1	4.7	30.1	41.6	54	80
Stafford..........	32,159	6.2	1.9	.0	.6	2.5	26.1	17.4	6.8	25.2	35.5	34	104
Surry.............	4,459	.0	.0	.0	.0	4.5	80.7	31.4	9.0	48.9	64.6	92	10
Sussex............	7,839	17.9	.0	.0	.0	5.1	35.7	15.3	7.7	34.1	51.6	74	56
Tazewell..........	36,909	17.3	1.6	1.1	.0	2.7	29.3	22.2	6.0	32.1	49.4	68	63
Warren............	16,488	23.0	2.4	.0	.0	.0	29.1	14.6	7.3	30.4	49.8	66	66
Washington........	34,528	10.4	1.2	.0	.0	.6	21.4	23.2	5.8	22.4	35.3	29	112
Westmoreland......	10,453	17.2	1.9	.0	.0	1.9	34.4	24.9	13.4	36.6	56.2	80	37
Wise..............	32,117	12.5	3.7	.0	.6	1.9	24.3	19.3	10.0	30.1	44.5	58	74
Wythe.............	18,553	16.2	5.4	.0	2.2	.0	30.2	15.1	12.9	36.0	52.8	77	43
York..............	33,539	7.2	.6	.6	.0	.0	19.1	13.1	7.8	18.4	27.9	10	130
Alexandria City...	88,755	22.5	1.6	.5	.2	.5	11.0	13.5	10.1	24.1	41.5	42	98
Bedford City......	4,294	18.6	14.0	.0	.0	4.7	27.9	32.6	9.3	48.9	69.2	94	8
Bristol City......	13,907	27.3	4.3	.0	1.4	5.8	21.6	11.5	5.8	36.8	56.8	81	33
Buena Vista City..	4,789	25.1	4.2	.0	.0	.0	45.9	20.9	16.7	45.8	70.7	93	9
Charlottesville City..........	32,717	19.0	5.5	1.8	.0	3.7	15.3	12.2	14.1	34.2	50.6	73	59
Chesapeake City...	88,042	8.9	2.5	.0	.2	.5	16.1	13.6	9.1	20.6	31.0	17	122
Clifton Forge City	3,481	23.0	5.7	.0	.0	.0	11.5	11.5	.0	22.3	37.9	33	105
Colonial Heights City..........	12,842	14.0	1.6	.0	.0	3.1	15.6	12.5	3.1	20.9	32.8	22	119
Covington City....	6,120	29.4	9.8	.0	.0	.0	26.1	16.3	9.8	40.7	63.9	88	23

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates: Minimum	Range of Rates: Maximum	Rank in U.S. (Percentile)	Rank in State
Danville City.....	33,627	22.6	8.9	0.6	1.8	1.2	19.0	16.1	18.4	41.6	61.8	87	25
Emporia City......	3,345	12.0	.0	.0	6.0	6.0	53.8	6.0	23.9	51.9	69.3	95	5
Fairfax City......	15,070	13.3	.0	.0	.0	.0	30.5	29.2	5.3	26.6	43.0	50	90
Falls Church City.	7,015	25.7	.0	.0	.0	.0	20.0	28.5	20.0	34.0	58.3	80	38
Franklin City.....	5,207	11.5	3.8	.0	.0	.0	42.3	7.7	11.5	33.3	47.4	67	65
Fredericksburg City..........	12,491	19.2	9.6	.0	.0	1.6	17.6	11.2	14.4	35.5	52.2	76	46
Galax City........	4,735	8.4	8.4	4.2	.0	12.7	21.1	33.8	8.4	48.4	62.5	91	14
Hampton City......	94,019	10.2	3.6	.4	.2	.6	14.0	14.9	11.3	23.3	34.8	29	110
Harrisonburg City.	16,793	7.1	6.0	.0	1.2	1.2	9.5	14.3	4.8	20.4	28.5	13	127
Hopewell City.....	17,704	24.9	6.8	.0	.0	.0	29.4	20.3	9.0	37.6	59.3	84	30
Lexington City....	5,877	10.2	20.4	.0	.0	.0	3.4	6.8	.0	27.4	34.4	36	102
Lynchburg City....	50,099	18.0	6.0	.0	.4	1.6	19.6	17.2	15.2	34.1	51.5	74	57
Martinsville City.	13,668	24.9	13.2	1.5	4.4	2.9	23.4	21.9	24.9	58.1	82.0	97	2
Newport News City.	113,693	11.6	4.9	.9	.2	.2	16.4	13.9	15.0	27.6	40.6	47	94
Norfolk City......	214,231	11.9	6.2	1.1	.4	1.2	11.5	12.5	15.5	28.4	40.9	49	91
Norton City.......	3,361	29.8	6.0	6.0	6.0	.0	11.9	6.0	11.9	41.8	62.2	88	24
Petersburg City...	30,568	18.3	4.6	.0	2.6	3.3	14.4	12.4	20.9	36.4	53.5	78	41
Portsmouth City...	78,638	16.8	8.4	.5	.0	2.3	18.8	14.0	25.4	40.7	58.6	85	29
Radford City......	10,806	3.7	5.6	1.9	.0	1.9	14.8	13.0	3.7	21.3	27.8	14	126
Richmond City.....	169,101	22.5	5.9	.4	1.8	4.7	14.2	19.3	36.1	48.8	71.9	94	6
Roanoke City......	74,556	23.1	10.5	.0	.8	4.6	18.0	24.4	15.6	45.0	66.3	91	13
Salem City........	18,478	24.9	6.5	1.1	.0	1.1	30.3	30.3	8.7	41.7	65.1	89	21
South Boston City.	4,925	32.5	.0	.0	.0	4.1	24.4	24.4	16.2	40.1	67.3	90	18
Staunton City.....	16,583	21.7	8.4	.0	1.2	2.4	15.7	16.9	8.4	34.9	52.6	76	48
Suffolk City......	35,775	23.5	6.7	1.1	.0	.6	34.1	10.6	16.2	42.1	63.1	89	22
Virginia Beach City..........	212,485	7.2	1.9	.6	.0	.1	15.8	14.8	6.0	17.9	27.0	8	132
Waynesboro City...	11,486	10.4	8.7	.0	.0	5.2	20.9	29.6	7.0	36.2	50.3	75	51
Williamsburg City.	8,997	13.3	8.9	.0	.0	.0	15.6	28.9	8.9	30.9	46.2	62	70
Winchester City...	15,654	17.9	2.6	.0	.0	2.6	20.4	20.4	7.7	28.7	45.4	58	75
Washington..........	3,128,350	13.1	2.7	.3	.2	.1	25.5	17.0	6.2	25.7	39.5	-	-
Adams............	9,376	2.1	4.3	.0	.0	.0	49.1	6.4	8.5	31.0	40.1	53	18
Asotin...........	11,924	18.5	1.7	.0	.0	.0	40.3	25.2	5.0	33.5	53.1	75	9
Benton...........	79,552	10.3	2.8	.3	.3	.0	28.2	20.1	5.5	25.9	39.0	41	26
Chelan...........	34,212	14.0	.6	.0	.0	.0	38.6	15.2	8.2	29.4	45.2	58	16
Clallam..........	37,609	18.6	3.7	.0	.5	.0	41.5	15.4	3.7	34.1	52.0	74	10
Clark............	140,983	9.4	3.8	.4	.3	.0	29.5	15.9	5.2	26.4	38.3	41	28
Columbia.........	2,835	49.4	.0	.0	.0	.0	35.3	14.1	14.1	44.5	79.9	95	1
Cowlitz..........	56,380	12.8	1.8	.0	.7	.4	25.9	17.7	4.3	24.5	38.0	37	30
Douglas..........	16,799	7.1	.0	1.2	.0	.0	36.9	15.5	4.8	25.0	36.3	35	32
Ferry............	4,142	4.8	.0	.0	.0	.0	96.6	14.5	14.5	52.2	70.4	95	2
Franklin.........	24,702	11.3	4.9	.8	.0	.0	42.1	24.3	9.7	37.4	54.0	80	8
Garfield.........	1,777	11.3	.0	.0	.0	.0	56.3	.0	.0	28.2	40.5	48	21
Grant............	35,254	11.3	3.4	.0	.6	.0	29.5	13.0	7.4	27.1	39.9	45	24
Grays Harbor......	46,513	16.3	1.3	.0	.9	.0	37.0	20.2	5.2	30.8	48.1	65	14
Island...........	34,058	11.7	5.3	.0	.0	.0	27.0	13.5	4.1	26.1	38.4	40	29
Jefferson........	12,358	21.0	1.6	.0	.0	.0	34.0	24.3	6.5	32.4	52.7	73	12
King.............	993,703	14.5	2.4	.3	.1	.1	19.8	16.8	7.3	24.0	38.1	37	31
Kitsap...........	113,771	9.8	2.8	.4	.2	.0	22.0	14.6	2.3	20.6	31.2	18	36
Kittitas.........	19,240	12.5	2.1	.0	.0	.0	35.3	16.6	2.1	26.3	40.1	45	25
Klickitat........	11,291	14.2	8.9	1.8	.0	1.8	46.1	15.9	5.3	43.2	59.6	87	5
Lewis............	39,791	10.6	3.0	.0	.0	.0	36.7	15.1	4.0	27.7	40.6	48	22
Lincoln..........	6,691	14.9	3.0	.0	.0	.0	59.8	14.9	3.0	38.6	56.3	82	6
Mason............	24,465	11.4	4.1	.8	.0	.0	25.3	21.3	7.4	28.0	41.8	50	19
Okanogan.........	22,164	18.9	2.7	3.6	.0	.9	56.8	23.5	6.3	46.5	68.1	93	3
Pacific..........	12,758	17.2	7.8	.0	.0	.0	43.9	20.4	.0	37.4	55.0	80	7
Pend Oreille......	6,183	16.2	6.5	.0	3.2	.0	38.8	22.6	16.2	44.8	64.4	91	4

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Pierce	370,603	14.4	2.5	0.3	0.2	0.1	24.7	18.5	7.3	26.4	41.2	46	23
San Juan	6,532	12.2	3.1	.0	.0	.0	12.2	18.4	12.2	22.7	35.8	30	33
Skagit	47,820	15.9	3.8	1.3	.4	.8	29.7	17.6	6.3	31.7	47.6	65	13
Skamania	5,452	3.7	.0	.0	.0	.0	40.4	18.3	3.7	23.8	34.0	29	35
Snohomish	257,199	10.4	2.5	.3	.0	.0	26.3	15.2	4.5	23.3	35.1	30	34
Spokane	252,101	15.1	2.9	.2	.2	.2	21.8	18.6	5.6	25.1	39.8	41	27
Stevens	20,072	10.0	.0	.0	.0	.0	46.8	20.9	6.0	30.7	45.9	61	15
Thurston	95,735	10.0	4.0	.2	.0	.0	17.1	16.1	2.9	20.1	30.6	16	37
Wahkiakum	2,631	7.6	.0	.0	.0	.0	38.0	30.4	7.6	28.7	43.5	55	17
Walla Walla	35,025	13.7	3.4	.0	.0	.0	28.6	10.3	9.7	27.7	41.6	49	20
Whatcom	80,498	5.0	2.5	.5	.0	.2	24.1	12.7	3.0	19.3	27.3	10	38
Whitman	32,280	5.6	.0	.6	.0	.0	20.4	8.1	1.9	14.0	20.9	2	39
Yakima	123,868	15.2	3.7	.2	.5	.0	34.4	19.9	10.8	34.1	51.3	73	11
West Virginia	1,408,600	13.9	2.5	.9	.2	.1	30.2	15.8	8.0	29.0	43.8	-	-
Barbour	11,656	6.9	6.9	.0	.0	.0	36.0	12.0	1.7	28.0	38.0	44	34
Berkeley	35,322	16.4	.6	.0	.0	.0	46.4	19.3	5.7	33.3	51.5	72	14
Boone	21,356	7.5	.0	.9	.0	.0	60.9	27.2	12.2	40.7	58.2	85	7
Braxton	10,044	2.0	2.0	2.0	2.0	.0	31.9	21.9	8.0	28.3	38.0	44	33
Brooke	22,225	6.3	1.8	.9	.9	.0	26.1	14.4	.0	20.0	28.7	13	51
Cabell	79,368	14.4	2.3	.0	.8	.5	20.9	17.6	9.3	26.1	40.8	45	31
Calhoun	5,972	13.4	3.3	3.3	.0	.0	26.8	13.4	.0	26.1	38.6	41	35
Clay	7,599	5.3	.0	2.6	.0	.0	39.5	18.4	10.5	30.0	42.1	54	27
Doddridge	5,121	.0	.0	.0	.0	.0	15.6	11.7	3.9	10.7	15.1	0	55
Fayette	40,736	15.7	2.9	.5	.5	.0	32.4	12.3	11.3	31.7	47.8	66	21
Gilmer	6,040	19.9	.0	3.3	.0	.0	19.9	16.6	.0	23.1	38.8	37	37
Grant	7,339	13.6	2.7	.0	.0	.0	60.0	19.1	8.2	41.2	59.7	86	6
Greenbrier	26,651	18.0	2.3	1.5	.8	.8	32.3	21.8	3.0	32.0	49.4	68	17
Hampshire	10,869	18.4	3.7	.0	.0	.0	46.0	18.4	.0	34.2	52.4	75	13
Hancock	28,675	10.5	1.4	.0	.0	.0	26.5	9.1	6.3	21.6	32.8	23	48
Hardy	7,455	21.5	2.7	.0	.0	.0	32.2	21.5	13.4	35.6	56.7	80	10
Harrison	56,215	15.7	2.5	.4	.0	.0	24.2	15.7	7.1	25.9	40.9	45	32
Jackson	18,577	7.5	1.1	1.1	.0	1.1	35.5	12.9	3.2	25.3	36.1	36	39
Jefferson	22,748	14.9	3.5	.0	.0	.0	55.4	19.3	6.2	39.7	58.2	84	8
Kanawha	171,539	20.6	3.7	1.5	.0	.0	26.9	13.9	9.2	32.1	50.2	70	16
Lewis	13,478	13.4	4.5	.0	.0	.0	19.3	11.9	4.5	22.5	34.6	28	45
Lincoln	16,809	5.9	2.4	1.2	.0	.0	28.6	10.7	11.9	25.7	35.9	36	38
Logan	35,262	19.9	7.4	1.1	.0	.0	31.8	19.3	14.7	40.8	60.8	86	5
McDowell	33,315	18.0	3.0	2.4	.6	.0	43.2	16.8	25.8	47.0	68.8	93	1
Marion	48,105	12.5	1.7	1.2	.0	.0	19.5	16.6	5.8	22.3	35.0	28	44
Marshall	29,717	13.5	2.0	.7	.0	.0	16.2	11.4	4.7	19.5	31.3	16	50
Mason	19,202	7.3	2.1	.0	.0	1.0	49.0	13.5	9.4	33.8	47.0	67	18
Mercer	53,873	17.1	3.7	2.6	.0	.7	23.8	24.9	13.7	35.5	53.9	78	11
Mineral	19,749	20.3	2.0	.0	.0	.0	31.4	16.2	2.0	27.7	45.2	56	26
Mingo	25,877	13.1	2.3	.8	1.5	.0	45.6	10.8	24.0	42.6	60.6	87	4
Monongalia	59,922	8.0	1.0	.7	.0	.0	18.4	10.3	5.0	17.1	26.0	7	54
Monroe	9,043	2.2	2.2	4.4	.0	.0	48.7	17.7	2.2	32.6	42.5	59	24
Morgan	8,041	5.0	2.5	.0	.0	.0	57.2	14.9	5.0	33.9	46.2	66	20
Nicholas	19,643	11.2	2.0	1.0	.0	.0	44.8	14.3	10.2	34.1	49.2	71	15
Ohio	45,210	14.6	1.3	.0	.0	.0	17.7	16.4	5.8	20.7	34.3	24	47
Pendleton	5,672	21.2	3.5	.0	.0	.0	56.4	24.7	7.1	44.1	67.2	91	3
Pleasants	5,724	14.0	.0	.0	.0	.0	28.0	14.0	3.5	21.9	35.5	29	43
Pocahontas	7,183	11.1	2.8	8.4	.0	.0	36.2	30.6	2.8	38.3	54.0	80	9
Preston	21,250	15.1	4.7	.0	.0	.0	39.5	12.2	.0	29.9	44.5	58	25
Putnam	27,946	6.4	1.4	.0	.0	.0	36.5	15.7	.7	22.9	33.2	26	46
Raleigh	60,821	18.4	2.0	.7	.3	1.0	26.0	18.4	11.2	31.3	49.2	67	19
Randolph	21,257	13.2	2.8	1.9	.0	.0	33.9	12.2	4.7	29.0	42.7	54	29
Ritchie	8,006	5.0	.0	.0	.0	.0	47.5	10.0	5.0	26.3	36.8	38	36

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Roane	11,449	7.0	0.0	0.0	0.0	0.0	21.0	17.5	7.0	18.4	28.7	11	52
Summers	11,454	14.0	3.5	.0	.0	.0	33.2	21.0	1.7	28.2	43.2	53	30
Taylor	11,625	13.8	6.9	1.7	.0	.0	25.8	27.5	1.7	31.4	46.6	63	22
Tucker	6,198	3.2	6.5	3.2	.0	.0	35.5	6.5	9.7	31.8	40.1	54	28
Tyler	7,799	10.3	.0	.0	.0	.0	23.1	12.8	.0	16.5	26.7	7	53
Upshur	17,283	11.6	.0	1.2	.0	.0	30.1	10.4	5.8	23.3	35.7	31	41
Wayne	32,645	9.2	3.1	.6	.0	.0	24.5	9.8	8.0	23.4	34.1	29	42
Webster	8,265	9.7	9.7	.0	.0	.0	58.1	24.2	9.7	47.4	64.8	92	2
Wetzel	15,382	13.0	3.9	1.3	.0	.0	35.1	11.7	6.5	30.7	44.6	59	23
Wirt	3,565	11.2	5.6	.0	.0	.0	16.8	11.2	11.2	24.8	36.5	35	40
Wood	67,480	9.8	.9	.0	.6	.0	24.0	13.3	4.4	20.3	31.3	18	49
Wyoming	24,841	16.9	2.4	.0	.0	.0	34.6	23.3	12.1	34.2	53.2	76	12
Wisconsin	3,408,936	10.9	3.1	.5	.2	.1	22.3	15.9	3.9	22.7	34.4	-	-
Adams	10,566	17.0	.0	.0	.0	.0	41.6	17.0	3.8	29.7	47.0	61	8
Ashland	11,694	13.7	5.1	.0	.0	.0	25.7	15.4	3.4	26.2	39.6	43	26
Barron	27,486	2.9	2.2	.7	.0	.0	29.1	19.6	3.6	22.0	30.7	20	47
Bayfield	9,979	24.0	2.0	6.0	.0	.0	28.1	8.0	.0	31.3	48.7	66	7
Brown	129,176	8.7	.8	.2	.0	.2	22.1	19.4	1.9	18.7	29.4	12	55
Buffalo	10,016	16.0	.0	.0	.0	.0	18.0	18.0	2.0	18.6	32.6	17	50
Burnett	9,253	6.5	2.2	2.2	.0	.0	34.6	13.0	2.2	25.1	35.0	33	32
Calumet	22,365	7.2	.0	.0	.0	.0	22.4	13.4	.0	15.0	23.6	4	72
Chippewa	36,251	9.4	1.7	.0	.0	.0	22.1	14.3	1.7	18.4	28.6	11	60
Clark	22,268	5.4	1.8	.0	.0	.9	31.4	26.0	1.8	24.2	35.3	31	35
Columbia	30,713	11.7	1.3	.7	.7	.0	28.7	17.6	5.9	25.7	39.2	41	27
Crawford	11,365	19.4	1.8	.0	.0	.0	38.7	14.1	.0	28.8	45.9	58	11
Dane	254,728	8.1	2.7	.4	.3	.2	19.2	15.4	2.4	19.2	28.7	12	56
Dodge	52,844	7.2	.8	.8	.0	.0	33.3	10.2	.8	20.9	30.3	17	51
Door	18,150	11.0	3.3	1.1	1.1	.0	35.3	16.5	2.2	29.2	42.2	53	19
Douglas	31,355	16.6	3.2	.0	.0	.0	21.0	17.9	6.4	25.4	40.8	44	25
Dunn	25,432	8.7	.8	.0	.0	.0	32.2	14.9	.8	21.2	32.1	21	45
Eau Claire	60,181	14.0	.7	.0	.3	.0	15.3	12.0	1.3	16.2	27.6	7	64
Florence	2,844	35.2	.0	.0	.0	.0	21.1	7.0	.0	24.7	47.2	54	17
Fond Du Lac	62,770	9.6	1.9	.6	.0	.0	24.5	14.0	1.9	20.5	31.0	17	49
Forest	6,463	9.3	3.1	6.2	.0	.0	52.6	15.5	6.2	41.2	55.7	84	3
Grant	36,506	6.6	1.1	.0	.5	.0	20.8	14.2	1.6	16.7	25.2	6	66
Green	21,118	14.2	1.9	.0	.0	.0	27.5	17.0	.9	23.1	36.9	32	34
Green Lake	13,216	9.1	1.5	.0	.0	.0	31.8	10.6	.0	20.7	30.9	18	48
Iowa	13,944	2.9	1.4	.0	.0	.0	51.6	21.5	2.9	29.9	41.3	53	20
Iron	4,672	17.1	12.8	4.3	.0	.0	17.1	21.4	8.6	39.6	55.9	83	4
Jackson	11,561	8.6	.0	.0	.0	.0	27.7	24.2	3.5	21.6	34.1	25	43
Jefferson	48,259	12.0	1.2	.0	.0	.0	28.2	11.6	3.7	22.1	34.3	26	40
Juneau	14,542	9.6	2.8	.0	.0	.0	35.8	15.1	2.8	26.0	38.2	40	30
Kenosha	88,254	13.6	.9	.0	.5	.2	28.3	14.5	6.8	25.2	39.2	40	28
Kewaunee	13,569	7.4	.0	.0	.0	.0	23.6	14.7	.0	15.9	25.0	5	69
La Crosse	68,795	11.3	4.1	.6	.9	.3	16.6	18.3	2.6	22.3	33.8	26	41
Lafayette	11,861	8.4	.0	.0	.0	.0	20.2	11.8	3.4	15.9	25.3	5	67
Langlade	13,726	8.7	.0	.0	.0	.0	39.3	13.1	4.4	24.8	36.8	36	31
Lincoln	19,109	18.8	.0	.0	.0	.0	33.5	16.7	7.3	28.6	46.5	59	10
Manitowoc	58,366	7.5	1.4	.7	.3	.0	23.3	15.8	2.1	19.4	29.1	13	53
Marathon	79,189	9.8	1.5	.5	.0	.3	23.0	13.9	3.0	20.2	30.9	17	52
Marinette	27,497	18.9	2.9	1.5	.0	.0	26.2	13.8	1.5	26.6	42.3	48	23
Marquette	8,627	13.9	.0	2.3	.0	.0	48.7	18.5	.0	32.2	48.2	66	6
Menominee	2,316	86.4	.0	.0	.0	.0	95.0	60.5	34.5	103.6	176.9	99	1
Milwaukee	703,381	14.7	8.5	.9	.3	.0	11.6	16.5	8.9	28.1	41.6	51	22
Monroe	24,564	14.7	1.6	.8	.8	.8	30.1	13.8	4.9	27.8	42.2	51	21
Oconto	20,594	13.6	1.0	1.0	.0	.0	20.4	13.6	2.9	20.2	32.6	20	46
Oneida	23,066	10.4	1.7	.9	.0	.0	39.0	23.4	2.6	29.2	43.5	55	14

See footnotes at end of table.

Table 4. Average Mortality from Selected Alcohol-Related Causes Coded as Underlying, by State and County for Ages 15 through 74 Years, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death								Estimated Alcohol Involvement in Mortality			
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide	Range of Rates		Rank in U.S. (Percentile)	Rank in State
										Minimum	Maximum		
Outagamie	92,701	8.4	0.9	0.0	0.0	0.0	23.9	16.8	1.9	18.6	29.0	12	57
Ozaukee	48,528	9.5	1.2	.0	.4	.0	22.7	12.8	2.9	19.0	29.2	12	54
Pepin	5,059	4.0	7.9	.0	.0	.0	43.5	19.8	.0	31.7	42.0	57	12
Pierce	23,437	4.3	4.3	.0	.9	.0	21.3	6.8	.0	17.2	23.0	4	71
Polk	22,799	7.9	.9	.9	.0	.0	24.6	20.2	6.1	22.2	33.7	25	42
Portage	42,106	8.5	1.9	.0	.0	.0	24.2	10.0	.9	18.0	27.2	9	62
Price	11,184	17.9	5.4	.0	.0	.0	28.6	16.1	.0	27.9	43.5	53	18
Racine	122,294	12.4	1.6	.3	.2	.5	20.0	17.2	6.5	22.6	35.5	29	36
Richland	12,054	3.3	1.7	.0	.0	.0	24.9	18.3	3.3	18.7	26.9	9	61
Rock	97,947	10.2	1.0	.8	.0	.0	28.6	16.5	2.2	22.4	34.2	27	39
Rusk	10,727	5.6	1.9	.0	.0	.0	16.8	14.9	5.6	16.8	25.2	6	65
St. Croix	30,313	4.0	2.0	.0	.0	.0	24.4	14.5	.0	16.8	24.0	5	70
Sauk	31,208	9.0	1.9	.0	.6	.6	28.8	14.7	2.6	23.1	34.1	28	37
Sawyer	9,546	21.0	6.3	.0	.0	.0	41.9	23.0	4.2	39.1	59.6	85	2
Shawano	24,826	11.3	1.6	.0	.8	.0	42.7	20.9	2.4	30.3	45.1	59	9
Sheboygan	72,750	10.4	.5	.5	.0	.0	21.7	15.4	1.4	18.2	29.1	11	59
Taylor	12,998	6.2	7.7	.0	.0	.0	26.2	18.5	4.6	27.1	37.2	40	29
Trempealeau	18,005	8.9	6.7	.0	.0	.0	31.1	17.8	1.1	27.4	38.9	44	24
Vernon	18,244	7.7	1.1	.0	.0	.0	31.8	16.4	4.4	22.9	34.1	28	38
Vilas	12,452	28.9	6.4	.0	.0	.0	25.7	17.7	1.6	33.4	55.1	77	5
Walworth	52,490	8.0	1.5	.0	.0	.4	33.1	21.3	1.5	24.1	35.9	33	33
Washburn	9,394	14.9	4.3	.0	.0	.0	36.2	17.0	.0	29.0	43.9	56	13
Washington	60,039	8.7	2.0	.0	.0	.3	27.6	17.0	1.0	21.4	32.1	21	44
Waukesha	200,817	6.9	1.3	.2	.1	.2	20.4	15.5	2.5	17.5	26.5	7	63
Waupaca	29,878	13.4	.7	.7	.7	.0	42.8	11.4	2.7	29.0	43.4	55	16
Waushara	13,374	13.5	3.0	.0	.0	.0	37.4	19.4	1.5	28.8	43.7	55	15
Winnebago	98,595	8.9	2.6	.4	.4	.0	19.3	15.6	1.0	18.8	28.6	11	58
Wood	52,541	6.1	.4	.0	.4	.0	23.6	12.6	1.5	16.4	24.7	5	68
Wyoming	350,834	10.5	3.1	.6	.3	.2	42.4	24.9	6.8	34.5	50.2	-	-
Albany	23,350	6.9	.0	.9	.9	.0	19.7	19.7	2.6	17.9	27.6	9	23
Big Horn	8,242	9.7	.0	2.4	.0	.0	43.7	21.8	12.1	34.8	50.6	73	9
Campbell	21,428	4.7	.0	.0	.0	.0	45.7	20.5	8.4	29.2	41.6	52	18
Carbon	14,796	13.5	6.8	4.1	.0	.0	60.8	35.1	14.9	55.9	78.4	97	1
Converse	9,541	8.4	.0	.0	.0	.0	41.9	23.1	2.1	26.6	40.1	45	20
Crook	3,964	.0	5.0	.0	.0	.0	40.4	15.1	5.0	27.4	35.3	38	21
Fremont	26,708	16.5	7.5	1.5	.0	.0	59.9	40.4	9.0	53.2	77.1	96	2
Goshen	8,672	9.2	.0	.0	.0	.0	39.2	23.1	4.6	27.0	41.0	47	19
Hot Springs	4,093	9.8	9.8	.0	.0	4.9	58.6	48.9	.0	53.1	73.1	96	3
Johnson	4,780	20.9	.0	.0	.0	.0	54.4	20.9	4.2	37.6	59.1	84	5
Laramie	52,103	15.4	2.7	.4	.8	.4	24.6	20.3	6.5	28.0	43.5	53	17
Lincoln	8,732	9.2	2.3	.0	2.3	.0	48.1	11.5	6.9	34.1	47.4	68	12
Natrona	53,309	13.1	6.4	.4	.4	.0	43.1	26.6	5.6	38.6	55.9	82	6
Niobrara	2,212	9.0	.0	.0	.0	.0	36.2	54.2	.0	29.7	47.8	63	14
Park	16,526	2.4	.0	1.2	.0	.0	53.2	21.8	4.8	31.2	42.9	58	16
Platte	7,354	13.6	2.7	.0	.0	.0	38.1	21.8	10.9	33.7	50.8	72	11
Sheridan	18,376	14.1	2.2	.0	.0	.0	37.0	22.9	2.2	29.1	45.1	58	15
Sublette	3,537	.0	.0	.0	5.7	.0	56.5	39.6	.0	37.3	50.3	76	8
Sweetwater	30,129	6.6	2.0	.0	.0	.0	45.1	24.6	13.3	34.8	49.8	72	10
Teton	8,268	4.8	.0	.0	.0	.0	41.1	16.9	4.8	24.9	35.8	34	22
Uinta	12,563	8.0	4.8	1.6	.0	.0	50.9	25.5	6.4	39.1	54.4	81	7
Washakie	6,814	8.8	5.9	.0	.0	2.9	44.0	17.6	.0	34.4	47.0	68	13
Weston	5,337	3.7	.0	.0	.0	.0	74.9	30.0	11.2	44.3	61.6	89	4
United States Total	169,935,384	14.9	2.7	.5	.2	.2	24.7	15.2	11.5	28.5	43.8	-	-

- Not applicable.
... County was not ranked because there were no alcohol-related deaths.

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APPENDIX

AGE-ADJUSTED MORTALITY RATES

Age-adjusted mortality rates are provided in this Appendix to allow more refined geographic comparisons. Tables A-1 and A-2 are organized in the same way as Tables 1 and 2 in the main body of the manual, and show age-adjusted mortality rates per 100,000 population instead of unadjusted death rates. Both tables present data based on underlying cause and multiple cause of death for the total population at the state and county levels, respectively.

In addition to variation in the sheer size of county populations, there exists wide variability in age distribution within these populations. For instance, a retirement community would have a large proportion of elderly in its population, whereas a county with a rapidly expanding economy would have a large proportion of relatively younger workers and their families. In general, older persons are more likely to die than younger persons. Therefore, one would observe a larger number of deaths occurring in a population with an older age structure than in a population with a younger age structure, even if the two populations were of similar size.

For comparing counties with diverse population sizes as well as age distributions, age-adjusted mortality rates are necessary. The observed mortality pattern within a county is standardized using the population distribution across age groups found in a reference (standard) population. Following convention, the age distribution of the U.S. population in 1940 is used as the standard. Thus, in comparing two counties which differ in age structure, the age-adjusted mortality rate provides a picture of what the counties' respective rates would have been, had the age distributions of their populations been the same (as that of the U.S. in 1940). The following mortality rates presented in this manual illustrate this:

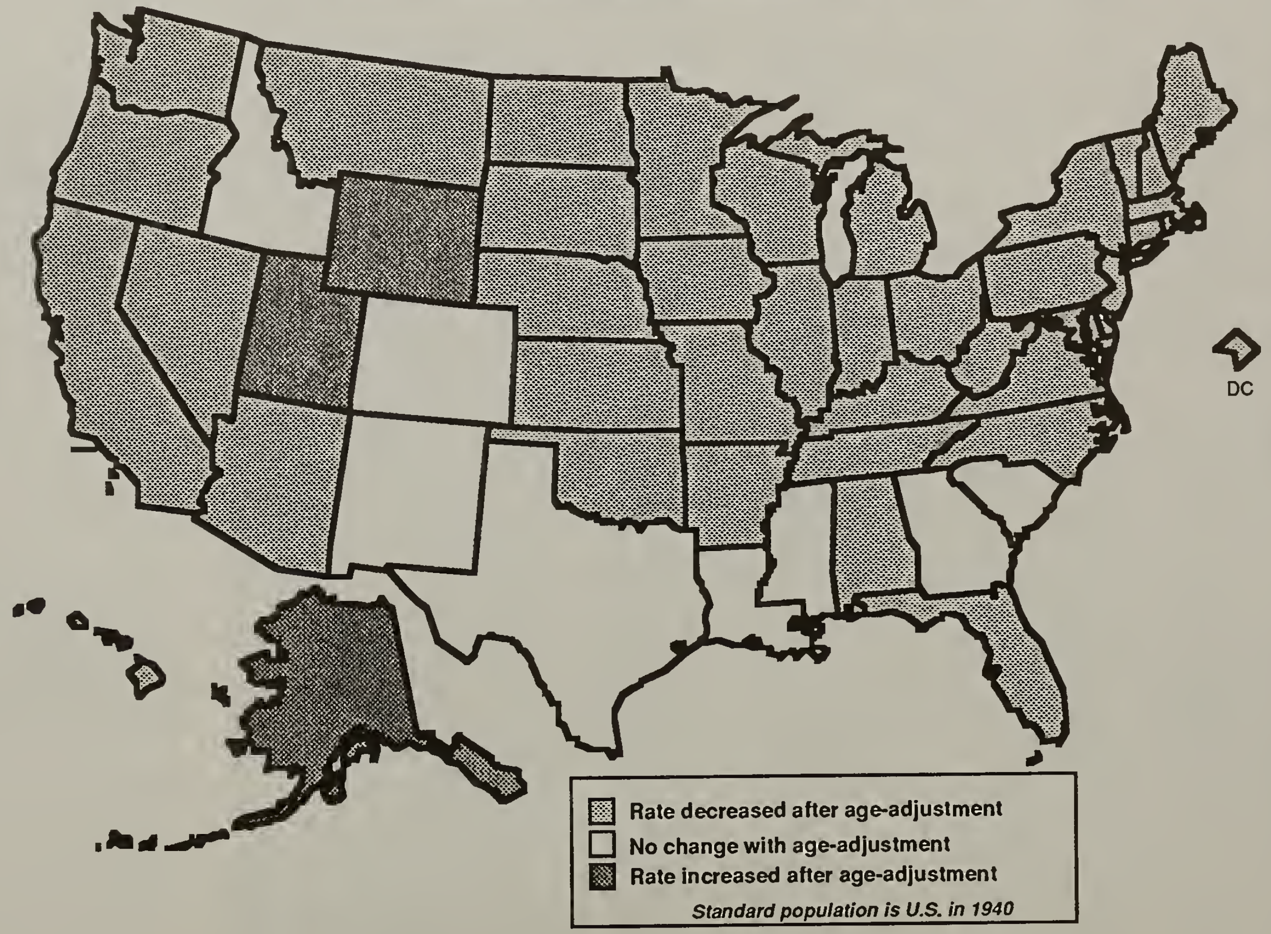
> Two counties in Florida had similar population sizes but dissimilar age distributions. Charlotte county had an average population of 67,963 (Table 3) with a median age in 1980 of 57.1 years (U.S. Bureau of the Census, 1988a). Clay county had an average population of 75,805, with a median age of 29.1 years, indicating that the population structure was substantially younger than Charlotte's. The crude death rates for cirrhosis as the underlying cause are 23.8 and 7.9 deaths per 100,000 population, respectively (Table 3). However, after standardizing the age distributions, the rates became more similar for the two counties, with Charlotte showing 12.4 and Clay 8.5 deaths per 100,000 population (Table A-2).

Age-adjusted rates eliminate the confounding effect of different age distributions on mortality rates. In general, mortality rates for an area whose population is older than the standard population become lower with age-adjustment, while the opposite is true for areas with a younger population. Because the recent population in many areas tends to be older than the U.S. population in 1940, the majority of geographic areas in the manual have lower age-adjusted rates compared with their respective unadjusted rates. However, notable exceptions occur, where alcohol problem levels may be masked by a young population composition when only unadjusted death rates are examined. As seen in Figure A-1 using state-level data, Alaska, Utah and Wyoming are the three states whose mortality rates became higher with age adjustment. Age-adjusted death rates for eight states (Colorado, Georgia, Idaho, Louisiana, Mississippi, New Mexico, South Carolina and Texas) remained substantially the same as their unadjusted rates, while age-adjusted rates for the remainder of the states were lower than their unadjusted rates. Unadjusted death rates must be used with caution, particularly when attempting to compare a state with a young population, such as Alaska, with a state having an older population, such as Florida. In these comparisons, age-adjusted rates and ranks based on age-adjusted rates are the appropriate items for comparison. For counties within each state, similar variation is to be expected as well. When substantial variations in age composition are known to exist between counties, rate and rank comparisons based on age-adjusted rates are recommended.

Age-adjusted rates were calculated by the direct method. To calculate these rates for the total population ***based on underlying cause*** (Tables A-1 and A-2), the 1940 U.S. population distribution was used as the standard. First, within every county, annual deaths due to each of the eight alcohol-related categories were tabulated separately for each age group. These age-specific mortality counts were then averaged across the five year period for each county. Average mortality counts for each age group were transformed to age-specific mortality rates by dividing the average number of deaths in an age group by the average population in the same age group. The second step was to calculate the expected number of deaths that would have existed had these age-specific rates prevailed in a population whose age distribution was like that of the U.S. in 1940. This was done by multiplying the rate for each age group by the population for the corresponding age group in the standard population. The age distribution of the standard population, in terms of one million, is as follows:

Age	Number
All ages	1,000,000
0-4 years	80,061
5-14 years	170,355
15-24 years	181,677
25-34 years	162,066
35-44 years	139,237
45-54 years	117,811
55-64 years	80,294
65-74 years	48,426
75-84 years	17,303
85 years & over	2,770

Figure A-1. Comparison of Unadjusted and Age-Adjusted Mortality Rates by State


DC
Rate decreased after age-adjustment
No change with age-adjustment
Rate increased after age-adjustment
Standard population is U.S. in 1940

The age-adjusted mortality rate for the total county population was calculated by adding the expected deaths for each age group and then dividing this sum by the total standard population (of one million) and multiplying by 100,000.

Alcohol related death rates ***based on multiple cause*** codes are also presented in Tables A-1 and A-2. As described in Chapter 2, the underlying cause together with the record axis mortality codes, which are the edited set of up to 20 causes associated with a single death record, were inspected to develop death rates based on mention of any of five diseases associated with chronic or acute abuse of alcohol.

Each death record was inspected for the occurrence of any of five alcohol related causes, whether it was an immediate, contributory, or underlying cause of death. The five alcohol related causes used were cirrhosis, alcohol dependence syndrome, non-dependent abuse of alcohol, alcoholic psychoses and alcohol poisoning. A flag was defined for each alcohol related cause, so that if a death record showed cirrhosis as the underlying cause and alcohol dependence syndrome as a contributory cause, it was included in the cirrhosis total as well as in the total for alcohol dependence syndrome. Since this procedure would count the same death in more than one cause category, a sixth flag was defined to identify whether, for a single death, any alcohol related cause was mentioned, regardless of how many forms were mentioned. This is the cause category 'Any Alcohol'. It is a more accurate record-based measure of alcohol involvement in mortality since it is takes into account contributory and immediate causes, in addition to the underlying cause.

To calculate age-adjusted rates for the total population, decedents selected as described above for any mention of each of the five causes of death and for any mention of at least one alcohol related cause were tabulated by age group, for each year and for every county. These age-specific mortality counts were then averaged across the five years (1979, 1980, 1983-1985), after which, appropriate average age-group population denominators were applied to arrive at age-specific mortality rates. These rates were applied to the standard population (U.S. in 1940) and, as explained above, age-adjusted mortality rates were calculated for specific causes and geographic units.

Estimated alcohol involved mortality rates are presented, along with relative ranks of states and of counties. Details of these calculations are analogous to those explained in Chapter 2.

Table A-1. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State for All Ages, 1979, 1980, 1983-1985

State	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Alabama.............	3,950,120	8.4	2.2	0.5	0.3	0.2	26.5	10.5	12.6
Alaska..............	463,690	12.7	4.2	2.7	.1	.3	24.0	13.2	10.0
Arizona.............	2,906,724	12.0	4.0	.4	.2	.1	29.2	16.3	8.8
Arkansas............	2,318,389	6.4	.8	.4	.1	.1	24.9	11.5	10.1
California..........	24,903,472	15.5	2.0	.4	.1	.2	21.1	13.5	11.3
Colorado............	3,064,835	9.6	1.8	.4	.1	.3	21.3	16.7	5.7
Connecticut.........	3,135,090	9.7	2.4	.2	.1	.0	16.1	8.1	4.6
Delaware............	607,232	11.9	2.8	.4	.2	.0	19.8	10.3	5.6
District of Columbia	632,299	29.2	4.7	.7	.1	.1	9.6	7.6	24.3
Florida.............	10,507,731	11.6	2.7	.3	.2	.1	25.7	14.2	13.5
Georgia.............	5,686,497	10.6	3.6	.9	.3	.4	25.5	11.9	12.7
Hawaii..............	1,006,396	6.7	.6	.1	.0	.1	15.4	10.2	4.9
Idaho...............	974,509	7.3	1.1	.4	.1	.1	29.2	14.4	3.6
Illinois............	11,483,038	11.4	1.4	.3	.1	.2	16.2	9.4	10.9
Indiana.............	5,487,462	8.1	1.4	.2	.1	.1	20.3	10.9	6.4
Iowa................	2,904,354	6.2	1.0	.3	.1	.0	19.6	10.7	2.4
Kansas..............	2,407,200	6.6	1.3	.3	.1	.1	22.3	11.3	5.4
Kentucky............	3,696,134	8.4	1.9	.4	.2	.2	21.7	12.4	7.9
Louisiana...........	4,351,857	9.5	1.7	.2	.2	.1	24.4	12.7	14.7
Maine...............	1,144,239	10.2	2.3	.2	.2	.0	20.6	13.2	2.5
Maryland............	4,297,406	10.0	2.9	.3	.1	.0	16.4	10.3	8.9
Massachusetts.......	5,772,295	11.0	1.3	.2	.1	.0	14.2	8.4	3.7
Michigan............	9,142,227	13.1	1.5	.4	.1	.1	18.4	11.8	10.6
Minnesota...........	4,124,752	7.3	1.3	.2	.1	.2	17.7	10.3	2.2
Mississippi.........	2,566,775	7.6	1.9	.3	.3	.1	28.4	9.8	13.0
Missouri............	4,963,519	7.2	1.2	.5	.1	.1	21.1	11.9	9.9
Montana.............	808,381	9.8	2.6	.5	.3	.2	32.8	15.4	4.9
Nebraska............	1,588,884	6.8	1.2	.3	.1	.1	19.2	9.6	3.5
Nevada..............	865,038	16.6	3.8	.4	.2	.1	29.0	22.3	12.2
New Hampshire.......	954,069	10.2	1.4	.2	.0	.1	18.9	11.3	1.6
New Jersey..........	7,456,004	12.2	1.3	.2	.1	.0	14.1	7.2	6.1
New Mexico..........	1,374,673	13.7	7.1	.7	.5	.0	37.9	17.8	11.1
New York............	17,663,164	15.9	2.4	.2	.1	.0	13.1	7.6	11.2
North Carolina......	6,042,176	9.7	4.4	.5	.8	1.4	23.9	11.7	9.7
North Dakota........	672,070	8.0	2.3	.5	.0	.0	18.7	11.1	2.1
Ohio................	10,767,455	8.9	1.1	.3	.1	.0	17.1	11.3	6.1
Oklahoma............	3,189,268	8.2	3.1	.4	.1	.2	27.7	13.0	9.1
Oregon..............	2,647,648	10.5	2.3	.3	.1	.0	24.0	14.0	4.6
Pennsylvania........	11,879,063	9.3	1.2	.2	.1	.1	16.7	10.7	5.8
Rhode Island........	957,501	10.4	3.6	.5	.1	.2	12.1	10.1	4.3
South Carolina......	3,221,610	9.5	3.3	1.1	.4	.4	27.4	10.4	10.7
South Dakota........	698,722	8.9	2.4	.5	.2	.1	27.1	11.7	3.5
Tennessee...........	4,664,629	7.7	2.1	.5	.2	.1	24.5	12.2	9.8
Texas...............	15,304,716	9.1	1.2	.3	.1	.1	25.8	12.5	14.8
Utah................	1,551,871	7.8	1.4	.4	.2	.1	21.6	14.5	3.5
Vermont.............	521,703	9.5	1.6	.2	.3	.2	22.1	14.3	2.5
Virginia............	5,515,528	9.5	2.4	.3	.3	1.0	17.4	12.6	8.0
Washington..........	4,245,567	9.7	2.0	.2	.2	.1	21.0	12.9	5.0
West Virginia.......	1,948,958	9.4	1.8	.6	.1	.1	24.8	11.9	6.4
Wisconsin...........	4,734,193	7.8	2.2	.3	.1	.1	18.0	12.1	3.2
Wyoming.............	493,040	9.2	2.6	.5	.3	.2	33.6	19.6	5.3
United States Total.	232,264,177	10.8	2.0	.3	.2	.2	20.4	11.5	9.1

Table A-1. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State for All Ages, 1979, 1980, 1983-1985

State	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality			Rank in U.S. Based on Any Mention of Alcohol
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S.	
							Minimum	Maximum		
Alabama	11.6	4.4	1.1	0.4	0.5	17.4	25.7	37.0	15	40
Alaska	19.4	9.1	5.3	.5	2.1	34.8	30.0	43.4	4	2
Arizona	15.7	6.6	1.3	.2	.6	23.5	29.3	43.2	5	15
Arkansas	9.2	2.4	1.1	.3	.5	13.0	21.5	31.4	29	51
California	23.1	5.4	.9	.2	2.1	30.7	25.9	40.8	11	6
Colorado	13.5	4.9	1.0	.2	3.9	22.8	21.4	32.7	24	19
Connecticut	14.5	6.5	.7	.3	.1	21.4	17.2	26.4	45	24
Delaware	16.9	8.2	1.0	.3	.1	26.0	21.3	32.6	25	8
District of Columbia	42.6	9.9	2.5	.3	.2	56.4	34.5	56.7	2	1
Florida	16.4	5.2	1.1	.3	.9	23.3	28.1	41.9	7	17
Georgia	14.8	7.3	1.5	.5	1.0	24.1	28.6	41.3	6	13
Hawaii	11.4	2.1	.2	.1	.3	13.7	14.3	22.2	51	50
Idaho	10.4	3.3	.9	.3	.5	14.6	21.5	31.8	27	47
Illinois	17.3	3.5	1.2	.2	1.5	23.4	20.5	31.9	30	16
Indiana	11.7	3.8	1.2	.2	1.0	17.4	18.7	28.3	37	39
Iowa	9.2	3.2	1.1	.2	.8	13.9	15.5	23.2	50	49
Kansas	9.5	4.0	1.1	.2	.8	15.0	18.7	27.6	38	46
Kentucky	12.1	4.1	1.0	.3	.9	18.0	21.4	31.7	28	36
Louisiana	14.5	4.3	1.0	.3	.5	20.0	25.8	38.2	13	30
Maine	15.1	7.3	1.3	.4	.3	23.8	19.5	29.9	35	14
Maryland	14.4	6.5	.6	.2	.1	21.3	20.6	31.1	31	25
Massachusetts	16.0	3.0	.5	.2	.2	19.7	15.5	25.0	47	31
Michigan	19.4	4.5	1.0	.2	.4	24.9	22.5	35.4	18	9
Minnesota	11.2	4.4	1.3	.2	.9	17.3	15.4	23.4	49	41
Mississippi	11.2	4.4	1.0	.4	.4	16.8	25.7	36.8	17	43
Missouri	10.6	2.7	3.7	.2	1.9	17.5	20.8	30.7	32	38
Montana	14.4	6.7	1.2	.4	1.4	22.8	26.8	39.1	12	18
Nebraska	9.7	3.5	1.0	.2	.5	14.3	16.2	24.2	48	48
Nevada	21.4	9.8	1.5	.3	1.0	32.1	33.7	51.7	3	4
New Hampshire	15.2	4.5	.9	.1	.6	20.6	16.9	26.7	44	29
New Jersey	18.7	3.3	.5	.2	.1	22.2	16.9	27.2	42	22
New Mexico	18.2	12.4	1.8	.7	.3	32.3	38.6	55.1	1	3
New York	22.8	5.5	.5	.2	.2	28.5	21.4	34.7	20	7
North Carolina	14.5	12.1	2.3	1.0	3.2	30.9	28.0	39.5	9	5
North Dakota	11.0	5.9	1.7	.2	.7	18.4	17.3	25.9	46	35
Ohio	13.7	3.2	1.4	.1	.8	18.9	17.5	27.2	40	34
Oklahoma	11.4	6.5	1.6	.2	.4	19.5	25.6	36.9	16	32
Oregon	14.4	6.0	.9	.2	.4	21.3	22.0	33.5	22	27
Pennsylvania	14.2	2.9	.5	.2	.4	18.0	17.3	27.0	41	37
Rhode Island	15.6	7.2	1.0	.3	.5	24.2	17.8	27.2	39	11
South Carolina	13.6	7.7	2.5	.5	1.3	24.2	27.6	39.2	10	12
South Dakota	12.6	6.5	1.4	.3	1.5	21.3	22.2	32.6	23	26
Tennessee	10.8	4.2	1.0	.3	.7	16.6	23.4	33.9	19	44
Texas	12.9	2.8	1.0	.2	.6	17.1	25.7	38.1	14	42
Utah	11.5	3.7	.7	.2	.4	15.9	18.8	28.4	36	45
Vermont	14.6	6.2	3.4	.5	.6	24.5	19.5	29.9	34	10
Virginia	13.4	7.1	1.2	.5	1.5	22.6	21.5	32.1	26	20
Washington	14.4	5.6	.7	.3	.5	20.8	20.2	30.8	33	28
West Virginia	13.8	4.9	2.9	.3	.4	21.8	22.3	33.3	21	23
Wisconsin	11.7	5.9	1.5	.3	.7	19.3	17.5	26.2	43	33
Wyoming	13.5	5.9	1.6	.5	2.2	22.4	27.9	40.8	8	21
United States Total	15.8	4.9	1.1	.3	.9	22.3	22.3	33.9	-	-

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Alabama	3,950,120	8.4	2.2	0.5	0.3	0.2	26.5	10.5	12.6
Autauga	33,274	8.5	1.3	.0	.0	.0	33.0	15.7	8.3
8aldwin	83,375	8.7	2.3	.8	.1	.0	32.1	12.9	8.6
8arbour	24,986	12.1	5.6	.0	.6	.0	31.9	18.2	14.7
8ibb	15,914	8.2	.8	.0	.0	.0	48.0	10.4	18.3
8lount	36,685	7.6	.0	.0	.5	.0	36.5	12.3	5.4
Bullock	10,584	11.7	2.8	4.9	.0	.0	15.3	9.3	20.0
8utler	21,760	6.0	1.2	.0	.0	.0	29.4	11.5	13.4
Calhoun	122,304	8.3	2.4	.5	.6	.0	17.2	10.7	11.3
Chambers	39,619	6.4	1.2	1.4	.0	.0	22.7	15.7	14.2
Cherokee	18,953	8.2	3.0	.0	.0	.0	55.8	8.2	8.8
Chilton	30,572	9.5	.0	.6	.0	.0	30.4	17.7	9.2
Choctaw	16,759	6.1	2.5	.0	1.0	.0	52.0	9.8	12.2
Clarke	28,134	7.0	1.8	.0	.0	.0	46.8	11.7	9.9
Clay	13,485	4.7	3.2	1.7	1.2	.0	51.9	16.6	5.4
Cleburne	12,812	8.5	8.6	.0	.0	.0	39.1	12.1	19.3
Coffee	39,434	1.9	1.1	1.1	.5	.0	27.5	9.4	10.6
Colbert	54,544	6.3	.3	.0	.2	.0	23.0	8.6	7.3
Conecuh	15,584	7.3	1.1	.0	.0	.0	41.7	7.3	18.2
Coosa	11,145	5.8	.0	1.9	.0	.0	45.8	17.9	20.0
Covington	36,859	9.1	1.3	.6	1.1	.0	32.0	14.0	9.1
Crenshaw	13,772	7.4	5.6	.0	.5	.0	42.7	7.5	13.7
Cullman	63,168	3.2	.2	.7	.0	.0	36.2	11.0	5.1
Dale	48,090	8.7	.0	.5	.0	.0	22.2	8.6	6.9
Dallas	53,849	10.2	2.9	.0	.5	.0	22.9	7.3	12.1
De Kalb	53,708	9.1	.8	.9	.0	.0	34.4	9.5	10.1
Elmore	45,044	6.6	.8	.0	.0	.0	33.8	11.9	13.2
Escambia	37,202	10.5	3.4	1.0	.5	.0	28.7	11.7	16.3
Etowah	102,752	8.2	1.1	.2	.4	.2	23.6	10.9	14.4
Fayette	18,861	5.3	.0	.0	.0	.0	37.6	7.4	8.0
Franklin	28,427	8.4	.8	.6	.0	.0	42.7	12.1	8.3
Geneva	23,907	8.9	.3	1.0	.0	.0	38.5	12.4	9.4
Greene	10,939	15.3	2.4	.0	1.8	.0	37.1	5.4	25.5
Hale	15,314	2.5	.0	.0	.0	.0	28.0	6.3	13.6
Henry	14,981	14.9	.0	.0	1.0	.0	34.5	14.5	14.1
Houston	77,258	10.1	.8	.2	.0	.0	30.1	8.3	8.4
Jackson	51,243	6.1	.8	1.9	.4	.0	32.5	8.9	6.7
Jefferson	672,671	10.2	3.9	.3	.5	.6	18.5	10.6	18.2
Lamar	16,318	9.2	1.0	.0	.0	.0	47.4	15.7	2.9
Lauderdale	81,861	5.3	2.1	1.7	.3	.5	25.3	7.7	7.4
Lawrence	30,637	4.0	1.3	.0	.0	.6	42.6	6.2	16.4
Lee	78,020	9.6	3.3	.3	.3	.0	17.7	7.0	9.7
Limestone	47,401	3.2	.9	.5	.0	.0	25.1	10.5	5.9
Lowndes	12,975	8.9	1.1	.0	.0	.0	51.5	2.0	24.5
Macon	26,347	7.9	1.2	.0	1.8	.0	30.0	2.4	19.5
Madison	211,018	8.2	.9	.2	.2	.0	21.2	12.8	8.4
Marengo	24,691	6.1	.0	.0	.0	.0	39.9	2.9	5.4
Marion	30,730	4.5	.3	.6	.0	.0	37.2	10.9	5.0
Marshall	67,880	8.9	4.1	.7	.7	.0	32.6	17.9	5.8
Mobile	369,721	10.2	3.2	.5	.1	.1	24.5	11.5	18.7
Monroe	22,366	7.0	2.3	.0	.5	.0	44.3	12.2	19.7
Montgomery	204,262	10.8	2.6	.5	.5	.0	18.0	7.6	15.0
Morgan	93,137	4.6	.7	.2	.0	.0	23.6	11.6	9.7
Perry	14,814	3.0	.0	.0	.0	1.4	24.1	8.1	16.8
Pickens	21,644	.8	.0	.0	.0	.0	41.1	5.1	4.5
Pike	27,472	15.0	3.3	.0	.0	.0	34.6	4.5	15.2
Randolph	20,045	11.5	4.9	.5	.0	.0	45.6	7.5	21.8
Russell	47,532	15.8	7.4	1.1	.0	.0	27.3	14.5	17.2

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
							Range of Rates					
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Minimum	Maximum	Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
labama.............	11.6	4.4	1.1	0.4	0.5	17.4	25.7	37.0	-	-	-	-
Autauga...........	10.8	6.1	.7	.0	.0	15.9	25.6	37.9	67	37	47	30
Baldwin...........	10.4	4.9	1.1	.1	.7	16.6	26.9	38.8	71	34	51	27
Barbour...........	16.4	10.9	.0	.6	.6	26.6	35.1	50.8	91	9	85	3
Bibb..............	8.2	.8	.0	.0	.0	9.0	35.0	49.6	90	11	11	58
Blount............	8.8	1.2	.0	.5	.0	9.4	23.9	35.0	59	46	12	57
Bullock...........	15.6	3.7	4.9	.0	.0	24.2	30.2	43.1	81	21	80	6
Butler............	12.4	3.0	.0	.0	1.2	16.5	24.7	35.4	61	40	51	28
Calhoun...........	11.9	4.7	.7	.6	.7	18.0	21.6	31.7	47	53	58	21
Chambers..........	11.6	1.4	2.0	.0	3.5	18.6	24.5	35.5	61	43	61	17
Cherokee..........	10.4	3.8	.0	.0	.0	14.3	35.6	49.1	90	10	38	39
Chilton...........	13.1	1.3	.6	.0	.0	13.6	25.1	38.1	67	38	34	43
Choctaw...........	7.5	5.0	.0	2.5	.0	14.0	35.6	48.3	90	12	36	40
Clarke............	8.4	2.2	.0	.0	.0	10.6	31.3	43.9	82	20	18	53
Clay..............	5.5	10.4	1.7	1.2	.0	17.5	35.8	47.8	89	13	56	22
Cleburne..........	9.5	8.6	.0	.0	.0	18.1	40.0	54.3	95	3	59	19
Coffee............	5.5	1.1	2.0	.8	.6	10.0	21.9	29.4	43	59	15	56
Colbert...........	8.7	2.7	.4	.2	.6	11.7	17.8	26.5	26	66	24	51
Conecuh...........	11.9	9.1	.0	.6	.0	21.1	31.6	44.4	83	19	71	11
Coosa.............	9.1	6.1	1.9	.0	.0	17.1	36.5	51.1	92	7	54	24
Covington.........	14.3	5.0	.6	1.3	.0	20.4	27.2	39.6	72	32	68	14
Crenshaw..........	9.8	11.5	.7	.5	.0	22.4	35.1	47.4	89	15	75	9
Cullman...........	5.7	1.0	1.1	.0	.0	7.7	22.1	30.5	45	57	7	62
Dale..............	13.3	1.7	1.6	.0	1.0	16.7	18.4	28.2	31	65	52	26
Dallas............	13.6	4.3	.0	.5	.0	18.1	24.4	35.7	61	39	59	20
De Kalb...........	11.4	.8	1.3	.0	.0	13.9	26.5	38.5	69	35	36	41
Elmore............	9.6	2.7	.4	.4	.0	12.2	26.2	37.8	68	36	27	47
Escambia..........	15.5	7.4	2.2	.5	.0	25.6	31.3	44.9	84	18	83	5
Etowah............	11.4	2.7	.4	.4	.2	15.2	24.2	35.6	61	45	44	33
Fayette...........	7.9	3.2	.6	.0	.0	11.7	23.2	32.8	54	50	24	50
Franklin..........	10.6	1.2	1.3	.6	.0	13.7	29.0	41.7	78	26	34	42
Geneva............	13.3	1.9	1.0	1.0	1.0	17.2	28.0	40.7	75	29	55	23
Greene............	15.9	5.1	.0	1.8	.0	21.1	39.1	56.8	95	2	71	12
Hale..............	3.6	4.0	.0	.0	.0	6.5	20.5	28.3	37	62	5	65
Henry.............	16.6	9.2	.0	1.0	.0	25.8	31.2	47.9	86	17	84	4
Houston...........	11.2	2.5	.6	.3	1.2	15.0	23.4	35.0	58	47	42	34
Jackson...........	8.2	3.3	1.9	.4	.4	13.3	24.2	33.8	57	48	33	45
Jefferson.........	13.9	7.5	2.2	.7	.8	24.1	28.0	40.4	74	30	80	7
Lamar.............	12.3	1.0	1.4	.0	.0	14.7	29.2	42.5	78	23	40	37
Lauderdale........	8.9	3.6	2.0	.3	.7	15.2	22.4	30.6	46	54	44	31
Lawrence..........	5.4	2.7	.8	.0	.6	8.8	30.5	41.2	78	24	10	59
Lee...............	14.3	4.5	.6	.3	.7	20.0	21.2	31.2	45	58	67	16
Limestone.........	5.3	3.7	.9	.0	.0	10.4	18.1	25.4	24	67	17	54
Lowndes...........	11.1	1.1	.0	.0	.0	12.2	38.2	53.2	94	6	27	48
Macon.............	9.8	6.5	.0	1.8	3.3	20.8	28.5	39.8	74	31	70	13
Madison...........	10.1	3.0	.5	.4	.7	13.5	20.2	30.6	41	60	33	44
Marengo...........	6.4	1.4	.0	.0	.7	8.5	22.3	31.4	48	52	9	60
Marion............	4.5	1.0	.6	.4	.0	6.5	22.8	32.1	51	51	5	66
Marshall..........	10.9	5.5	1.3	1.0	.3	18.6	29.2	41.6	78	27	60	18
Mobile............	15.5	5.3	.8	.3	.1	21.6	29.5	42.8	79	22	73	10
Monroe............	7.9	4.0	.0	.5	.0	12.5	36.0	50.1	91	8	29	46
Montgomery........	14.4	5.0	.6	.6	.1	20.3	24.2	35.8	61	41	68	15
Morgan............	6.7	.7	.2	.0	.0	7.8	19.5	28.2	34	64	7	61
Perry.............	3.4	2.4	.0	.0	1.4	7.2	22.2	30.7	46	55	6	63
Pickens...........	1.8	1.5	.0	.0	.0	3.4	20.7	27.3	35	63	0	67
Pike..............	17.7	4.5	1.7	.0	.7	23.6	32.0	47.3	86	16	79	8
Randolph..........	18.3	16.1	2.9	.0	1.2	37.2	41.1	57.3	96	1	95	2
Russell...........	21.4	12.0	3.6	.0	1.0	37.3	37.4	54.3	94	5	95	1

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Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
St. Clair.........	43,215	5.6	1.4	0.4	0.0	0.0	29.2	9.6	13.9
Shelby............	71,078	7.0	1.2	.5	.0	.3	27.1	9.0	7.4
Sumter............	16,584	5.0	3.7	1.1	.0	.0	36.4	4.9	15.6
Talladega.........	75,406	8.2	.9	.6	.2	.0	31.5	10.4	8.7
Tallapoosa........	38,564	9.1	1.9	1.0	.0	.6	31.4	10.1	13.1
Tuscaloosa........	137,504	6.1	2.0	.3	.1	.0	22.6	10.4	8.9
Walker............	67,778	9.1	.2	.0	.2	.0	40.9	11.1	6.7
Washington........	16,972	9.6	.0	.0	.0	.0	55.8	7.4	19.8
Wilcox............	14,469	8.7	.0	.0	.0	.0	45.8	4.6	22.8
Winston...........	21,713	2.1	2.7	.0	.0	.0	42.1	8.7	3.1
Alaska.............	463,690	12.7	4.2	2.7	.1	.3	24.0	13.2	10.0
Arizona............	2,906,724	12.0	4.0	.4	.2	.1	29.2	16.3	8.8
Apache............	55,200	14.9	13.0	4.3	.0	.0	96.8	15.0	14.6
Cochise...........	90,000	11.2	2.3	1.0	.3	.0	24.0	16.2	7.7
Coconino..........	79,218	17.6	2.3	1.9	.4	.2	33.8	16.5	8.3
Gila..............	38,054	24.3	6.0	1.0	.0	.0	40.9	13.8	15.2
Graham............	23,097	17.9	2.9	.9	1.9	.0	35.4	14.9	7.7
Greenlee..........	10,684	22.1	1.7	2.4	.0	.0	36.2	14.8	6.3
Maricopa..........	1,637,376	10.5	4.2	.1	.1	.1	25.0	15.4	8.5
Mohave............	62,656	18.6	3.1	.5	.8	.0	59.3	30.4	8.0
Navajo............	68,936	25.6	9.3	1.3	1.0	.4	56.1	20.6	13.2
Pima..............	557,437	10.9	2.1	.6	.1	.0	25.1	16.7	7.8
Pinal.............	93,846	17.6	6.5	.0	.8	.0	47.2	18.0	15.3
Santa Cruz........	21,224	14.1	2.1	.0	.0	.0	27.2	16.0	7.6
Yavapai...........	75,101	11.3	4.2	.0	.1	.0	38.8	23.6	4.0
Yuma..............	93,897	14.3	5.5	.2	.0	.3	35.2	15.5	12.8
Arkansas...........	2,318,389	6.4	.8	.4	.1	.1	24.9	11.5	10.1
Arkansas..........	23,936	10.5	.0	.0	.0	.0	18.9	13.0	12.4
Ashley............	26,609	8.6	.0	.0	.0	.0	19.1	7.4	17.1
Baxter............	28,564	8.8	2.7	.9	.0	.0	34.0	19.8	5.0
Benton............	81,768	5.7	.3	.5	.1	.0	30.9	13.9	4.7
Boone.............	26,747	2.5	1.2	1.2	.0	.0	40.2	6.9	2.6
Bradley...........	13,637	3.3	.4	.0	.0	1.8	28.6	9.5	13.5
Calhoun...........	6,102	2.5	.0	4.0	.0	.0	14.9	11.1	19.0
Carroll...........	16,792	9.6	.0	.0	.0	.0	38.1	14.5	3.1
Chicot............	17,857	2.7	.0	.6	.0	1.5	31.4	8.8	23.0
Clark.............	23,155	6.1	.0	.0	.0	2.9	23.5	8.6	11.3
Clay..............	20,332	6.6	.0	.0	.0	.0	50.0	12.1	4.7
Cleburne..........	17,921	4.3	.0	.0	.0	.0	30.4	10.7	1.1
Cleveland.........	7,999	.8	.0	.0	.0	.0	36.9	5.4	5.9
Columbia..........	26,981	6.2	1.2	.4	.0	.0	27.6	9.5	15.7
Conway............	19,379	3.7	.0	1.2	.0	.0	35.6	15.7	11.2
Craighead.........	63,057	6.2	.9	.6	.0	.0	21.3	10.5	4.0
Crawford..........	38,479	3.2	.5	.0	.0	.0	21.8	10.6	7.6
Crittenden........	49,819	9.8	.0	.0	.0	.0	26.3	9.5	17.8
Cross.............	20,636	9.1	.0	.0	1.2	1.0	19.3	11.6	10.3
Dallas............	10,573	2.1	.0	3.3	.0	.0	28.8	8.6	16.5
Desha.............	19,670	6.1	.9	.0	.0	.0	40.6	15.4	13.7
Drew..............	18,022	2.8	1.5	.0	.0	.0	23.9	12.9	9.6
Faulkner..........	48,223	5.3	.0	.5	.5	.5	23.2	10.1	4.2
Franklin..........	15,109	3.6	1.2	.0	.0	1.5	25.9	11.9	6.7
Fulton............	10,142	1.4	.0	.0	.0	.0	21.0	3.1	7.8
Garland...........	72,434	10.2	.4	1.0	.8	.3	19.3	12.3	9.9
Grant.............	13,094	2.8	.0	.0	.0	.0	32.4	8.8	6.4
Greene............	31,161	6.9	.7	.4	.0	.0	23.6	12.6	9.1

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985 -Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
St. Clair	8.1	1.9	0.9	0.0	0.0	10.9	24.9	35.1	61	44	20	52
Shelby	11.5	2.4	.7	.3	.3	15.2	21.6	31.1	45	56	44	32
Sumter	8.2	5.6	1.1	.0	.0	14.9	30.4	40.6	78	25	42	35
Talladega	11.8	2.7	1.6	.2	.0	16.2	24.4	35.6	61	42	49	29
Tallapoosa	11.3	2.5	1.0	.0	1.2	14.8	28.5	40.9	76	28	41	36
Tuscaloosa	8.6	2.7	.3	.1	.1	11.8	20.7	29.8	40	61	24	49
Walker	11.5	1.8	.5	.5	.7	14.6	26.6	39.1	71	33	40	38
Washington	14.5	2.5	.0	.0	.0	17.0	38.1	54.1	94	4	54	25
Wilcox	8.7	1.5	.0	.0	.0	10.3	34.4	48.8	89	14	16	55
Winston	5.5	2.7	.0	.0	.0	7.1	24.4	32.2	55	49	6	64
Alaska	19.4	9.1	5.3	.5	2.1	34.8	30.0	43.4	-	-	-	-
Arizona	15.7	6.6	1.3	.2	.6	23.5	29.3	43.2	-	-	-	-
Apache	20.7	27.9	15.9	.0	1.2	63.6	73.9	97.6	99	1	99	1
Cochise	14.7	4.0	1.6	.3	.2	20.0	25.1	37.9	66	13	67	13
Coconino	21.0	6.4	4.1	.4	.4	30.2	33.4	50.9	90	9	90	9
Gila	30.7	14.4	3.7	.0	.9	47.4	44.0	66.6	98	4	98	3
Graham	24.3	10.4	5.0	1.9	.0	38.9	34.5	51.9	91	8	96	5
Greenlee	30.1	7.0	2.4	.0	.0	41.9	34.2	53.7	92	7	97	4
Maricopa	13.1	6.0	.3	.1	.5	19.4	26.3	38.8	70	12	64	14
Mohave	26.0	5.5	2.9	.8	.0	34.7	46.8	69.9	98	3	94	7
Navajo	33.0	17.8	6.2	1.0	2.5	54.1	56.3	82.1	99	2	99	2
Pima	15.6	4.1	1.0	.1	.3	21.0	24.9	37.7	66	14	71	12
Pinal	22.0	10.0	1.4	.9	.0	32.8	45.0	65.4	97	5	92	8
Santa Cruz	16.3	3.1	.0	.0	1.1	21.2	26.1	40.7	72	11	71	11
Yavapai	16.2	8.1	3.8	.1	.0	27.1	31.9	46.9	86	10	86	10
Yuma	20.5	8.4	3.4	.3	4.7	35.0	35.8	52.2	92	6	94	6
Arkansas	9.2	2.4	1.1	.3	.5	13.0	21.5	31.4	-	-	-	-
Arkansas	13.4	1.1	2.7	.3	.0	17.5	20.6	32.7	47	41	56	7
Ashley	11.6	1.5	1.8	.7	.0	14.9	21.1	32.0	46	44	42	20
Baxter	13.1	6.6	1.8	.0	1.1	20.5	27.8	40.6	75	9	69	3
Benton	6.6	.8	1.5	.1	1.2	9.9	21.1	30.8	43	46	15	43
Boone	4.1	4.5	2.7	.6	1.3	12.8	23.0	30.3	47	42	30	27
Bradley	7.5	3.1	1.8	.0	3.4	14.0	23.9	32.7	55	31	37	26
Calhoun	2.5	.0	4.0	.0	2.5	9.0	22.4	30.5	46	45	11	53
Carroll	15.0	2.0	1.5	.0	1.5	17.1	24.3	36.7	63	23	54	8
Chicot	8.8	2.4	1.6	.0	1.5	14.3	28.9	39.2	74	10	38	23
Clark	8.1	1.8	.0	.0	2.9	11.0	22.3	31.6	48	39	20	37
Clay	8.6	2.2	.0	.6	.0	10.8	28.3	40.2	75	8	19	39
Cleburne	5.5	.6	.0	.0	.0	5.5	17.2	24.8	20	66	3	67
Cleveland	.8	.0	.0	.0	.0	.8	19.7	26.1	30	58	0	75
Columbia	10.0	3.3	.8	.0	.0	14.1	25.1	35.8	63	25	37	25
Conway	6.6	1.3	2.0	.6	.0	10.4	26.0	36.5	65	19	16	41
Craighead	7.3	3.8	1.0	.0	2.4	14.2	16.9	25.0	20	67	38	24
Crawford	5.6	2.2	1.2	.0	1.2	9.7	16.6	23.8	17	70	14	46
Crittenden	11.0	.6	1.2	.0	.5	12.7	25.4	38.2	67	16	30	28
Cross	11.7	.4	.0	1.2	1.0	14.4	21.2	32.0	47	43	39	22
Dallas	3.5	.0	3.3	.0	.0	6.8	25.7	34.3	61	26	5	65
Desha	12.7	.9	.0	.0	.0	12.7	30.0	42.7	80	5	30	29
Drew	4.3	4.0	.0	.0	.0	8.3	19.8	27.8	34	53	9	57
Faulkner	8.9	.8	1.9	.8	.5	12.0	17.4	25.2	22	63	26	32
Franklin	4.3	4.2	.0	.0	1.5	10.0	20.5	28.4	37	51	15	42
Fulton	2.6	.0	.0	.0	.0	2.6	13.7	18.6	4	74	0	74
Garland	15.1	2.6	1.8	.8	.3	19.9	21.8	33.2	51	33	66	5
Grant	2.8	1.4	.0	.0	.0	4.1	19.5	27.1	31	55	1	71
Greene	9.4	2.0	.4	.0	.0	11.3	20.7	30.7	42	47	22	33

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Hempstead	23,444	5.1	0.0	0.0	0.7	0.0	34.7	12.6	12.5
Hot Spring	26,954	3.9	1.4	.6	.0	.0	20.4	11.7	16.9
Howard	13,482	.0	4.9	.0	.0	.0	36.2	18.5	7.2
Independence	31,114	3.1	.7	.0	.0	.0	22.1	14.7	6.2
Izard	10,814	9.9	.0	.0	.0	.0	30.4	13.3	6.2
Jackson	21,570	7.0	2.2	.7	.2	.0	23.4	18.6	13.4
Jefferson	90,297	5.5	1.0	.2	.0	.0	16.6	8.9	17.2
Johnson	17,985	2.2	.0	.0	.0	.0	32.4	9.6	2.6
Lafayette	10,104	3.5	5.7	2.6	.0	.0	44.5	4.8	24.7
Lawrence	18,359	6.0	.0	.0	.0	.0	31.6	6.7	7.2
Lee	15,532	2.6	2.6	.0	.0	.0	30.1	8.1	12.8
Lincoln	13,269	8.0	.0	1.4	.0	.0	15.8	10.8	6.2
Little River	14,149	4.9	.0	1.6	.0	.0	39.8	13.0	15.1
Logan	20,410	2.8	1.5	.0	.0	.0	23.2	7.3	4.2
Lonoke	35,803	5.0	.5	.0	.0	.0	18.6	7.8	10.9
Madison	11,526	5.5	.0	.0	2.1	.0	35.7	18.6	8.2
Marion	11,897	6.3	.0	.0	.0	.0	40.7	13.6	1.5
Miller	38,438	9.7	.3	.5	.0	.0	26.8	14.9	13.9
Mississippi	59,403	8.5	2.4	.0	.0	.0	27.3	11.5	12.4
Monroe	13,693	8.4	1.1	1.8	1.8	.0	25.5	5.3	6.4
Montgomery	7,740	1.7	.0	1.7	.0	.0	58.8	2.8	.7
Nevada	11,041	4.4	.0	.0	.0	.0	23.9	15.5	9.4
Newton	7,942	1.1	3.0	.0	.0	.0	22.9	8.5	5.6
Ouachita	31,915	10.2	1.0	.0	.0	.0	32.2	8.7	8.8
Perry	7,616	4.3	.0	1.9	.0	.0	45.7	28.5	9.5
Phillips	34,299	6.2	3.6	.0	.0	.0	23.5	13.0	20.1
Pike	10,229	6.0	2.3	.0	.0	.0	28.0	11.1	7.1
Poinsett	26,570	8.7	1.2	.9	1.7	.0	26.0	9.0	10.3
Polk	17,229	.4	1.4	.0	.0	.0	29.9	7.1	7.3
Pope	40,509	6.3	.9	.2	.0	.0	23.6	8.1	5.0
Prairie	10,096	3.7	.7	.0	.0	.0	25.4	13.7	14.5
Pulaski	345,363	8.3	.8	.4	.0	.0	18.2	13.2	14.1
Randolph	16,669	1.3	1.3	.0	.0	.0	20.3	17.0	5.5
St. Francis	31,154	8.1	1.2	.0	.0	.8	30.6	7.3	9.6
Saline	54,503	5.4	.8	.0	.4	.0	24.0	9.2	8.8
Scott	9,811	2.8	.0	.0	.0	.0	30.2	10.4	7.0
Searcy	8,873	8.3	.0	.0	.0	.0	62.0	7.7	12.9
Sebastian	96,477	6.5	.0	.0	.3	.0	20.9	10.8	7.1
Sevier	14,149	2.2	.0	.0	.0	.0	41.7	14.5	7.0
Sharp	14,976	4.5	.0	.0	.4	.0	39.5	13.2	2.0
Stone	9,377	3.3	.0	.0	.0	.0	20.6	7.9	2.8
Union	49,210	10.1	2.6	.0	.0	.0	32.8	10.5	14.4
Van Buren	14,085	6.2	.7	1.5	.7	.0	27.4	12.7	17.5
Washington	102,223	9.4	.5	.3	.2	.0	24.7	12.1	4.1
White	51,523	3.2	.5	.5	.0	.4	24.2	12.9	5.0
Woodruff	10,912	9.4	4.9	2.4	.0	.0	37.4	9.1	8.3
Yell	17,458	6.1	.0	.0	.0	.0	27.4	5.7	7.7
California	24,903,472	15.5	2.0	.4	.1	.2	21.1	13.5	11.3
Alameda	1,148,310	15.9	2.6	.5	.2	.1	15.1	13.2	9.2
Alpine	1,157	.0	.0	.0	.0	.0	17.6	.0	17.6
Amador	20,968	10.2	1.9	.0	.0	.0	66.3	14.9	5.3
Butte	151,891	9.2	1.3	.5	.2	.0	29.1	15.7	4.3
Calaveras	23,452	16.0	.8	.0	.0	.0	47.0	18.1	6.8
Colusa	13,706	13.9	1.8	.0	.0	.0	33.0	21.4	6.0
Contra Costa	681,990	14.3	1.8	.1	.1	.4	18.3	13.3	8.6
Del Norte	18,390	8.0	.0	2.6	.0	.0	32.0	15.5	14.6
El Dorado	93,235	10.5	1.1	.7	.3	1.0	30.9	12.9	6.8
Fresno	543,654	13.6	1.3	1.0	.1	.2	33.0	11.2	14.7

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Hempstead..........	8.5	2.0	0.0	0.7	0.0	11.2	25.7	36.6	65	21	22	35
Hot Spring.........	10.8	3.6	1.2	.0	.9	16.4	22.4	31.7	49	38	50	12
Howard.............	3.2	6.8	.0	.0	.0	8.8	27.2	35.5	66	18	10	55
Independence.......	4.9	1.3	.7	.0	.7	6.1	17.1	24.8	20	68	4	66
Izard..............	9.9	.0	.0	.0	.0	9.9	22.4	34.3	55	30	14	44
Jackson............	11.1	2.4	2.8	.2	.5	16.8	25.8	37.6	67	17	53	10
Jefferson..........	7.6	2.9	.2	.4	.0	10.8	20.3	29.6	39	49	19	38
Johnson............	4.3	1.3	.0	.0	1.3	7.0	17.7	24.5	21	64	6	63
Lafayette..........	6.0	7.2	2.6	.0	.0	15.8	40.9	52.7	94	1	47	14
Lawrence...........	8.9	.0	.5	.0	.0	9.4	20.5	29.5	40	48	12	50
Lee................	5.9	4.3	3.4	.0	5.2	16.1	23.9	32.2	54	32	48	13
Lincoln............	8.0	.0	1.4	.0	.0	9.5	16.5	25.4	20	69	12	49
Little River.......	5.8	1.8	3.4	.0	.0	9.1	30.0	41.8	79	7	11	52
Logan..............	4.1	3.4	.0	.0	.8	7.5	15.8	21.9	11	73	7	60
Lonoke.............	6.0	1.1	1.2	.0	.0	8.2	17.1	25.0	21	65	9	59
Madison............	10.0	3.1	.0	2.1	.0	15.1	26.9	38.3	70	13	43	19
Marion.............	7.0	2.3	.0	.0	.0	7.0	23.1	33.6	55	29	5	64
Miller.............	13.5	2.9	.5	.7	.0	16.9	25.6	38.7	69	14	53	9
Mississippi........	13.6	5.7	.8	.2	.0	19.9	25.4	37.0	65	20	66	4
Monroe.............	15.1	9.5	1.8	2.9	.0	25.2	22.8	32.2	51	34	82	1
Montgomery.........	2.8	.0	1.7	.0	.0	4.5	28.0	36.0	68	15	1	69
Nevada.............	9.7	.0	.0	.0	.0	9.7	19.3	28.6	34	52	13	47
Newton.............	3.5	6.3	.0	.0	.0	9.8	17.5	23.0	17	71	14	45
Ouachita...........	11.8	1.7	1.1	.0	.0	14.6	24.6	36.6	63	22	40	21
Perry..............	4.3	.0	8.0	.0	.0	12.3	33.0	46.9	87	3	28	31
Phillips...........	7.0	4.1	.5	.0	1.4	12.3	28.1	39.7	74	11	28	30
Pike...............	6.0	2.3	.0	.0	.0	8.3	22.1	31.5	48	40	9	58
Poinsett...........	9.8	3.3	1.8	1.7	.0	15.6	25.0	35.9	63	24	46	16
Polk...............	1.3	1.4	.0	.0	.0	2.7	19.0	24.9	25	59	0	73
Pope...............	9.5	1.7	.2	.0	.0	11.2	17.7	25.9	24	60	21	36
Prairie............	6.7	2.2	.0	.0	.0	8.9	22.4	32.0	50	35	10	54
Pulaski............	11.4	2.6	1.1	.2	.6	15.7	21.6	32.7	49	36	46	15
Randolph...........	1.7	1.3	.0	.0	.0	3.0	16.3	23.1	15	72	0	72
St. Francis........	13.3	2.5	1.6	.0	.8	16.7	24.2	34.8	59	27	52	11
Saline.............	8.1	1.2	.7	.8	.4	11.3	19.5	28.1	33	54	22	34
Scott..............	3.5	3.9	.0	.0	.0	7.4	19.2	27.1	31	56	6	61
Searcy.............	8.3	.0	.0	.0	.0	8.3	37.1	51.8	92	2	9	56
Sebastian..........	11.6	1.9	.7	.3	.8	15.3	17.2	26.1	23	61	44	18
Sevier.............	4.5	.0	.0	.0	.0	4.5	24.6	34.0	59	28	1	70
Sharp..............	9.0	.4	.0	.4	.0	9.4	22.4	31.8	49	37	12	51
Stone..............	4.7	.0	.0	.0	.0	4.7	12.9	18.8	4	75	2	68
Union..............	15.8	7.2	2.2	.3	.0	25.0	29.4	42.7	79	6	82	2
Van Buren..........	6.7	.7	1.5	.7	.0	9.6	27.8	39.2	73	12	13	48
Washington.........	12.0	2.4	1.3	.2	.2	15.4	19.6	30.1	39	50	45	17
White..............	5.3	.7	.9	.0	.8	7.4	17.7	25.2	23	62	6	62
Woodruff...........	10.3	4.9	2.9	.0	.0	18.1	32.6	44.7	85	4	59	6
Yell...............	6.9	1.4	.0	.0	.0	10.8	18.8	27.4	30	57	19	40
California..........	23.1	5.4	.9	.2	2.1	30.7	25.9	40.8	-	-	-	-
Alameda............	23.5	6.2	1.0	.2	10.9	40.2	23.2	37.2	62	43	97	3
Alpine.............	18.2	18.2	.0	18.2	.0	36.5	15.7	20.6	9	58	95	7
Amador.............	14.0	3.2	.0	.0	.0	17.2	39.4	55.7	95	5	55	55
Butte..............	15.4	2.8	.9	.2	.3	19.5	23.1	34.7	57	46	65	52
Calaveras..........	26.0	2.2	.4	.0	.0	28.5	33.9	51.9	91	12	88	27
Colusa.............	18.9	7.2	.0	.9	.0	21.6	28.5	44.3	80	27	73	46
Contra Costa.......	20.6	5.1	.7	.2	1.9	27.0	22.7	36.1	59	45	86	31
Del Norte..........	10.9	1.4	5.1	.0	.0	17.4	29.2	42.2	78	29	56	54
El Dorado..........	16.7	2.9	4.9	.3	6.1	26.3	26.1	38.5	69	37	85	33
Fresno.............	21.2	4.0	2.3	.2	13.6	39.3	31.2	46.5	85	20	96	5

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide
Glenn............	22,177	12.7	3.5	0.0	0.0	0.0	64.6	13.2	8.7
Humboldt..........	109,974	16.2	1.8	.6	.0	.2	35.0	13.9	6.9
Imperial..........	98,493	21.1	2.2	.7	.2	.5	37.1	12.7	11.1
Inyo..............	18,112	15.4	5.1	.0	.0	.0	52.1	30.3	6.2
Kern..............	438,597	13.8	1.8	.7	.2	.0	36.3	15.4	13.4
Kings.............	79,247	12.6	1.4	.3	.6	.0	41.8	9.3	8.0
Lake..............	41,547	15.2	3.4	.8	.0	.6	51.2	27.3	8.7
Lassen............	23,031	14.4	1.8	1.5	.0	.0	39.8	22.8	5.8
Los Angeles.......	7,786,685	17.6	2.8	.4	.1	.0	17.6	12.9	18.5
Madera............	68,794	14.1	2.2	1.2	.3	.0	40.9	12.3	12.6
Marin.............	223,932	15.3	1.2	.1	.0	.3	15.8	15.8	5.6
Mariposa..........	12,078	6.5	.0	.0	.0	.0	52.7	10.3	4.6
Mendocino.........	69,458	16.7	1.6	.9	.6	.0	45.5	18.2	10.0
Merced............	145,416	12.1	1.1	.2	.1	.6	34.1	13.9	7.4
Modoc.............	9,130	11.7	5.0	.0	.0	.0	49.7	12.8	9.2
Mono..............	8,877	24.9	3.0	.0	.0	.0	32.7	21.2	1.4
Monterey..........	309,322	15.3	1.3	.9	.1	.1	23.6	12.4	7.4
Napa..............	101,023	11.5	.3	.0	.1	.4	26.2	13.4	4.3
Nevada............	59,065	7.0	1.5	.0	.0	.0	37.7	15.5	6.1
Orange............	2,023,497	11.8	.9	.5	.0	.1	17.1	12.4	5.4
Placer............	126,294	10.7	.9	.2	.1	.3	25.4	15.0	4.2
Plumas............	18,015	8.8	3.2	.0	.0	.7	46.6	20.4	6.8
Riverside.........	730,151	14.1	1.6	.3	.0	.1	32.9	15.7	12.2
Sacramento........	833,906	14.3	1.4	.4	.3	.0	21.1	15.1	9.8
San Benito........	27,355	12.1	.7	.0	1.3	.0	31.4	10.1	8.1
San Bernardino....	976,526	17.4	1.6	.3	.1	.2	30.5	13.3	11.1
San Diego.........	1,987,357	12.6	1.0	.3	.1	.6	19.0	13.9	7.3
San Francisco.....	701,078	29.6	4.3	.1	.2	.5	12.0	19.5	11.7
San Joaquin.......	377,580	17.0	2.5	.7	.3	.1	31.1	13.7	11.1
San Luis Obispo...	169,637	12.8	2.7	.0	.1	.2	21.8	15.6	6.3
San Mateo.........	600,174	16.3	1.2	.2	.1	.5	14.4	12.4	5.4
Santa Barbara.....	313,449	13.4	1.7	.3	.1	.1	19.0	14.8	5.5
Santa Clara.......	1,342,187	13.5	1.0	.3	.1	.0	17.0	12.3	5.7
Santa Cruz........	198,751	15.0	1.2	.6	.0	.2	23.2	14.2	6.4
Shasta............	122,112	16.8	4.4	.5	.2	.2	39.1	19.5	6.4
Sierra............	3,256	12.5	.0	.0	.0	.0	32.6	4.5	.0
Siskiyou..........	41,017	12.5	1.7	.4	.0	.0	36.8	13.5	4.7
Solano............	252,912	13.3	1.8	.2	.1	.2	19.8	13.5	6.3
Sonoma............	314,834	12.5	2.7	.4	.2	.4	29.5	14.7	5.3
Stanislaus........	284,055	12.4	1.4	.2	.0	.4	28.8	12.4	7.4
Sutter............	55,317	12.5	2.4	.3	.3	.4	27.2	13.6	7.6
Tehama............	41,112	11.5	1.5	.0	.0	.0	42.4	17.0	9.5
Trinity...........	12,600	17.8	.9	.0	1.1	.0	47.0	24.8	10.8
Tulare............	261,607	13.9	1.7	.7	.1	.0	39.5	10.7	11.4
Tuolumne..........	36,765	10.7	1.4	.5	.0	.0	38.5	15.7	7.4
Ventura...........	561,433	11.1	1.6	.3	.1	.0	22.5	12.0	6.3
Yolo..............	117,321	18.7	1.5	.7	.3	.0	24.5	15.9	5.8
Yuba..............	51,463	14.7	2.5	.3	.0	.0	31.4	14.5	10.8
Colorado...........	3,064,835	9.6	1.8	.4	.1	.3	21.3	16.7	5.7
Adams.............	261,892	9.1	.9	.4	.0	.2	22.4	15.7	5.7
Alamosa...........	12,180	18.4	.0	.0	.0	.0	14.8	17.7	5.3
Arapahoe..........	331,311	8.0	.8	.2	.1	.1	14.9	15.1	4.1
Archuleta.........	4,446	.0	5.0	6.0	.0	.0	52.7	25.3	5.0
Baca..............	5,274	.0	.0	.0	.0	.0	100.8	17.5	6.4
Bent..............	5,957	12.0	3.9	.0	.0	.0	32.8	34.1	8.8
Boulder...........	200,971	7.5	1.0	.5	.0	.0	19.2	16.5	3.2
Chaffee...........	13,048	10.1	.0	.0	.0	.0	31.3	32.0	3.0
Cheyenne..........	2,309	9.5	.0	.0	.0	.0	34.2	.0	.0

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Glenn	17.6	7.1	0.7	0.0	1.0	25.3	42.6	60.2	97	3	83	36
Humboldt	24.5	5.1	1.0	.1	.6	32.2	30.0	46.1	83	23	92	16
Imperial	29.8	7.3	.7	.2	2.9	40.0	35.5	55.0	93	8	97	4
Inyo	23.7	11.1	1.2	.0	.0	33.7	42.3	62.6	97	1	93	9
Kern	24.9	4.6	.9	.3	.5	30.8	33.0	49.3	89	16	91	18
Kings	21.6	5.2	1.2	.8	2.4	30.3	30.7	45.0	83	24	90	20
Lake	22.7	5.5	1.8	.0	1.4	30.1	42.0	62.0	97	2	90	21
Lassen	26.7	4.3	1.5	.0	.0	30.0	33.2	50.2	89	14	90	22
Los Angeles	25.4	7.6	.7	.2	.3	33.0	29.3	46.1	83	26	92	13
Madera	20.3	3.9	1.4	.3	4.4	29.7	35.0	51.4	91	10	89	25
Marin	30.9	5.9	2.9	.0	8.3	44.2	20.4	34.0	49	52	98	2
Mariposa	9.8	.0	.0	.0	.0	9.8	29.0	40.9	76	30	14	58
Mendocino	24.8	3.7	1.7	.6	.5	31.6	37.5	56.3	94	6	91	17
Merced	20.7	2.8	.6	.2	9.6	32.6	27.6	41.5	75	32	92	15
Modoc	15.9	5.0	.0	.0	.0	20.9	37.6	53.2	93	7	70	50
Mono	29.9	9.4	.0	.0	.0	33.0	31.9	52.7	90	13	92	14
Monterey	20.4	4.1	5.4	.2	.7	29.8	24.5	38.7	67	41	89	23
Napa	18.1	2.4	1.2	.1	1.3	22.0	21.3	33.4	50	51	74	45
Nevada	9.7	2.7	.4	.0	.9	13.8	26.3	37.9	68	38	36	56
Orange	18.1	2.2	.7	.1	1.7	22.9	18.6	29.8	36	57	77	43
Placer	14.8	4.0	1.1	.1	1.2	19.3	21.5	33.4	51	50	63	53
Plumas	14.1	7.8	1.3	.0	2.2	23.3	34.3	48.8	89	15	78	41
Riverside	20.2	4.3	.8	.2	2.0	26.9	30.5	46.4	84	21	85	32
Sacramento	21.0	4.4	1.1	.4	1.0	27.3	24.5	38.8	67	40	86	30
San Benito	17.2	2.4	.7	1.3	.8	21.1	26.0	39.1	70	36	71	49
San Bernardino	25.1	4.3	.4	.1	1.3	30.5	29.9	46.8	84	22	90	19
San Diego	19.4	3.1	.6	.2	2.7	25.1	21.3	33.8	51	49	82	37
San Francisco	45.8	9.0	.5	.2	3.4	57.5	31.7	54.3	91	11	99	1
San Joaquin	25.8	7.3	1.8	.3	1.1	34.9	31.6	48.4	87	18	94	8
San Luis Obispo	17.3	5.6	.3	.2	.4	23.2	23.4	36.4	61	44	78	42
San Mateo	24.9	4.5	.6	.1	4.9	33.1	19.7	33.1	46	54	93	12
Santa Barbara	20.7	5.2	1.5	.1	2.0	27.8	21.2	33.9	51	48	87	28
Santa Clara	20.5	2.8	1.0	.2	.7	24.9	19.2	31.4	41	55	82	38
Santa Cruz	21.6	4.6	2.9	.0	.9	29.7	23.6	37.8	64	42	89	24
Shasta	24.4	7.0	1.3	.2	1.3	33.2	35.5	53.4	92	9	93	11
Sierra	12.5	.0	.0	.0	.0	12.5	19.7	30.8	41	56	29	57
Siskiyou	16.6	4.9	.7	.0	.0	20.0	27.5	41.4	75	33	67	51
Solano	24.4	4.1	.5	.2	5.4	33.4	21.8	34.5	54	47	93	10
Sonoma	18.1	5.4	1.1	.2	5.3	29.1	26.8	40.2	73	34	89	26
Stanislaus	20.1	4.1	.7	.1	.9	24.8	25.2	38.4	67	39	81	39
Sutter	20.1	4.6	.3	.3	1.1	24.2	26.3	39.6	71	35	80	40
Tehama	14.9	5.7	.6	.4	.0	21.3	31.9	47.3	86	19	72	47
Trinity	22.8	2.6	.9	1.1	.0	25.7	39.1	59.9	96	4	84	34
Tulare	19.2	5.1	1.3	.2	.8	25.6	32.3	47.9	87	17	83	35
Tuolumne	16.5	5.1	.5	.0	.6	22.7	29.0	42.9	79	28	76	44
Ventura	17.5	3.6	.5	.1	.2	21.2	21.3	32.9	49	53	71	48
Yolo	26.7	5.7	3.1	.3	3.0	37.7	26.3	42.8	76	31	95	6
Yuba	20.0	7.8	.7	.0	.0	27.7	30.0	45.7	83	25	87	29
Colorado	13.5	4.9	1.0	.2	3.9	22.8	21.4	32.7	-	-	-	-
Adams	11.6	3.5	.6	.0	2.8	18.4	20.4	31.5	44	48	60	34
Alamosa	18.4	6.5	2.0	2.0	.0	26.5	19.8	35.2	51	44	85	15
Arapahoe	10.9	4.8	.4	.1	2.9	18.9	15.7	24.9	18	59	62	30
Archuleta	3.4	5.0	9.1	.0	.0	17.5	40.5	51.5	94	8	56	37
Baca	2.1	4.6	.0	.0	.0	6.7	48.9	64.0	98	2	5	56
Bent	14.3	8.0	3.9	.0	15.2	44.8	33.6	51.0	90	14	98	3
Boulder	9.7	3.1	.7	.1	.8	14.3	17.5	27.0	26	57	39	48
Chaffee	13.5	.0	1.9	.0	1.4	16.8	25.1	39.9	69	30	52	40
Cheyenne	9.5	.0	.0	.0	.0	9.5	18.3	27.2	29	56	13	54

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Clear Creek.......	7,379	10.2	0.0	0.0	0.0	0.0	41.7	27.8	0.0
Conejos...........	7,944	3.4	8.3	1.8	.0	2.9	45.2	15.2	6.0
Costilla..........	3,370	22.2	8.6	4.5	.0	.0	40.8	10.9	11.6
Crowley...........	3,064	10.2	4.3	.0	.0	.0	43.2	.9	.0
Custer............	1,736	5.9	.0	.0	.0	.0	61.4	34.0	12.0
Delta.............	22,759	9.0	2.5	.0	.0	.0	43.9	16.4	3.5
Denver............	504,432	16.1	4.1	.6	.3	.3	15.8	20.5	14.0
Dolores...........	1,670	7.0	.0	.0	.0	.0	30.6	29.8	.0
Douglas...........	29,713	7.4	.0	.6	.0	.0	38.1	19.1	5.0
Eagle.............	14,950	4.5	3.4	.0	.0	.0	36.9	19.2	4.9
Elbert............	7,513	16.7	1.7	.0	.0	.0	25.8	13.5	3.8
El Paso...........	336,621	10.3	1.5	.5	.0	.4	19.6	15.5	4.2
Fremont...........	30,145	2.2	2.0	.3	.0	.0	28.8	24.7	9.5
Garfield..........	25,539	6.9	1.6	.0	.0	.0	36.6	13.6	1.8
Gilpin............	2,567	7.5	.0	.0	.0	.0	64.8	27.1	.0
Grand.............	8,131	3.5	.0	.0	.0	.0	32.5	18.2	.0
Gunnison..........	10,423	7.8	3.9	.0	.0	.0	25.5	9.1	1.0
Hinsdale..........	488	37.0	.0	.0	.0	.0	29.9	.0	.0
Huerfano..........	6,821	8.9	4.1	3.7	2.3	.0	27.7	34.7	6.9
Jackson...........	1,773	12.0	12.9	.0	.0	.0	49.2	19.9	.0
Jefferson.........	394,898	7.2	.6	.2	.1	.3	16.3	17.4	2.6
Kiowa.............	1,959	11.4	.0	.0	.0	.0	55.0	14.5	.0
Kit Carson........	7,755	1.5	1.9	.0	.0	.0	55.5	10.8	2.7
Lake..............	7,938	.0	.0	.0	.0	5.1	53.0	16.0	12.1
La Plata..........	29,575	15.1	2.1	.0	.0	.7	31.4	16.0	3.5
Larimer...........	158,865	5.4	1.3	.3	.0	.3	17.5	11.4	3.3
Las Animas........	14,798	27.1	.0	.0	.0	1.7	33.6	16.2	14.8
Lincoln...........	4,619	4.4	.0	.0	.0	.0	33.8	14.3	.0
Logan.............	19,863	6.1	1.1	.0	.0	.0	28.5	14.9	2.2
Mesa..............	88,605	6.5	1.7	.8	.0	.4	25.7	21.0	4.0
Mineral...........	814	.0	.0	.0	.0	.0	72.9	17.3	.0
Moffat............	13,575	11.3	3.5	1.1	.0	.0	23.4	17.1	2.9
Montezuma.........	18,072	11.4	5.0	.0	.0	.0	37.8	17.7	2.6
Montrose..........	25,096	11.3	1.5	.0	.0	.0	32.6	17.7	3.7
Morgan............	22,972	9.1	1.1	.4	.0	.0	38.9	13.7	5.3
Otero.............	22,468	10.3	1.5	.7	.0	.0	36.7	16.6	4.9
Ouray.............	2,015	13.3	.0	.0	.0	.0	42.5	8.8	.0
Park..............	5,971	7.8	.0	.0	.0	.0	48.4	35.1	2.2
Phillips..........	4,571	3.6	.0	.0	.0	.0	42.3	3.6	.0
Pitkin............	10,436	1.6	.9	.0	.0	.0	35.7	18.6	6.4
Prowers...........	13,780	3.7	1.9	1.3	1.1	1.1	33.9	19.4	3.1
Pueblo............	126,200	14.1	2.2	.8	.3	.8	27.9	16.0	5.5
Rio Blanco........	6,617	7.4	.0	3.9	.0	.0	33.1	26.6	5.1
Rio Grande........	11,055	12.7	6.3	.0	2.0	2.2	35.3	19.4	11.8
Routt.............	13,635	8.1	3.3	.0	.0	.0	32.0	6.4	.8
Saguache..........	4,051	16.5	6.0	.0	.0	.0	47.6	6.5	15.3
San Juan..........	936	.0	.0	.0	.0	.0	36.4	40.2	26.4
San Miguel........	3,028	.0	.0	.0	.0	.0	27.5	40.9	.0
Sedgwick..........	3,256	9.0	.0	.0	.0	.0	23.9	.0	.0
Summit............	9,871	.9	.0	.0	.0	.0	23.9	13.8	.0
Teller............	9,435	9.3	7.2	.0	.0	.0	40.3	27.6	7.6
Washington........	5,352	8.6	2.5	2.5	.0	.0	20.0	18.0	2.1
Weld..............	128,477	7.3	1.8	.4	.1	.2	27.2	14.0	4.6
Yuma..............	9,851	.0	.0	.0	.0	.0	36.0	7.3	2.1

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Clear Creek.......	16.2	0.0	0.0	0.0	4.3	20.5	27.3	42.1	76	24	69	23
Conejos...........	3.4	16.2	5.2	.0	2.9	27.7	39.2	49.6	92	10	87	11
Costilla..........	22.2	13.1	4.5	.0	.0	39.8	47.0	67.3	98	1	96	5
Crowley...........	19.2	7.1	.0	.0	.0	23.5	26.8	37.2	68	32	78	19
Custer............	5.9	.0	.0	.0	.0	5.9	40.6	58.4	96	5	3	59
Delta.............	10.6	3.2	.0	.0	.1	14.0	29.6	42.6	79	22	36	50
Denver............	23.7	8.6	1.1	.5	13.1	45.9	29.3	45.5	82	20	98	2
Dolores...........	20.3	.0	.0	.0	.0	20.3	21.7	33.9	53	42	68	24
Douglas...........	12.2	.9	.6	.0	2.1	15.8	25.8	38.1	68	33	47	41
Eagle.............	6.8	7.2	.6	.0	4.5	17.7	26.9	37.4	69	31	57	36
Elbert............	16.7	9.8	.0	.0	4.4	27.1	23.9	38.7	66	37	86	13
El Paso...........	13.8	3.9	.9	.1	.7	18.6	19.9	31.0	41	49	61	33
Fremont...........	4.5	6.0	4.2	.0	.0	14.6	24.8	34.9	60	39	40	47
Garfield..........	9.4	6.4	.5	.0	.0	15.4	23.3	33.7	55	40	45	43
Gilpin............	12.1	8.5	.0	.0	.0	20.6	35.7	51.5	92	11	69	22
Grand.............	6.1	.0	.0	.0	.0	6.1	18.7	27.3	30	55	4	57
Gunnison..........	13.4	7.3	.0	.0	3.4	24.2	20.1	28.8	37	51	80	18
Hinsdale..........	37.0	37.0	.0	.0	.0	37.0	27.7	51.0	86	18	95	7
Huerfano..........	12.4	4.1	7.1	2.3	8.6	27.3	35.6	50.5	91	13	86	12
Jackson...........	12.0	12.9	.0	.0	.0	24.9	42.5	57.8	96	4	82	16
Jefferson.........	9.8	2.4	.4	.2	2.3	14.7	15.6	24.7	17	60	41	45
Kiowa.............	17.3	.0	.0	.0	14.5	31.7	30.7	45.4	83	19	91	9
Kit Carson........	3.0	5.0	.0	.0	5.8	13.9	29.2	38.4	73	28	36	51
Lake..............	3.3	.0	3.3	.0	10.5	17.1	36.2	46.8	89	15	54	38
La Plata..........	17.4	6.9	2.3	.0	1.3	27.1	27.0	42.0	75	26	86	14
Larimer...........	8.6	3.3	.5	.0	3.0	14.8	15.3	22.6	12	61	41	44
Las Animas........	34.5	7.3	1.9	.0	1.7	40.9	37.2	60.7	96	6	97	4
Lincoln...........	7.3	12.2	.0	.0	4.4	19.5	18.9	27.4	31	54	64	27
Logan.............	8.7	4.4	1.1	.0	5.9	19.0	19.6	29.0	36	52	62	29
Mesa..............	10.6	4.4	1.1	.0	1.1	16.8	22.4	33.0	52	43	52	39
Mineral...........	.0	.0	.0	.0	.0	.0	34.1	45.0	86	16	...	...
Moffat............	11.3	5.6	1.1	.0	.0	18.0	23.9	36.0	61	38	59	35
Montezuma.........	18.9	17.6	4.3	1.3	3.2	37.2	30.3	44.1	82	21	95	6
Montrose..........	13.8	4.8	.0	.0	.0	18.7	25.1	38.5	68	34	61	32
Morgan............	13.3	5.1	1.2	.0	1.1	19.7	26.8	39.2	71	29	65	26
Otero.............	15.5	10.0	3.0	.0	1.1	28.0	27.5	40.8	74	27	87	10
Ouray.............	13.3	.0	.0	.0	.0	13.3	25.1	38.4	67	35	33	52
Park..............	7.8	.0	2.7	.0	4.9	15.4	31.6	47.5	86	17	45	42
Phillips..........	3.6	3.6	5.2	.0	.0	12.5	20.0	27.2	33	53	29	53
Pitkin............	1.6	2.5	2.5	.0	.0	6.0	23.3	32.3	53	41	3	58
Prowers...........	7.2	5.7	1.3	1.1	1.1	14.2	26.6	36.2	66	36	38	49
Pueblo............	20.1	5.4	2.6	.7	6.7	34.0	27.5	41.8	76	25	93	8
Rio Blanco........	14.9	.0	3.9	.0	.0	18.7	28.6	41.6	77	23	61	31
Rio Grande........	23.9	18.7	4.1	2.0	2.2	48.9	40.0	56.0	95	7	98	1
Routt.............	8.1	8.5	2.5	.0	.0	19.1	21.7	30.8	45	47	63	28
Saguache..........	16.5	16.0	.0	.0	.0	22.5	41.2	59.1	96	3	75	21
San Juan..........	.0	.0	.0	.0	.0	.0	35.8	51.1	91	12	...	...
San Miguel........	.0	.0	.0	.0	.0	.0	19.7	29.7	38	50	...	...
Sedgwick..........	13.3	.0	.0	2.6	.0	24.2	13.7	21.2	7	62	80	17
Summit............	5.6	.0	.0	.0	.0	5.6	13.2	18.7	4	63	3	60
Teller............	14.0	9.3	.0	.0	.0	23.3	37.1	52.5	93	9	78	20
Washington........	13.1	6.6	2.5	.0	.0	20.1	21.4	31.6	46	46	67	25
Weld..............	9.6	3.4	.9	.1	1.2	14.7	21.8	31.9	48	45	40	46
Yuma..............	3.8	1.2	2.1	.7	.0	7.8	17.5	23.1	18	58	7	55

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide
Connecticut.........	3,135,090	9.7	2.4	0.2	0.1	0.0	16.1	8.1	4.6
Fairfield.........	812,097	10.0	2.1	.1	.1	.0	14.8	9.2	6.2
Hartford..........	813,733	9.7	3.5	.3	.2	.1	15.0	7.2	5.0
Litchfield........	158,065	9.3	1.5	.0	.0	.0	24.2	9.8	1.8
Middlesex.........	131,451	10.5	1.5	.1	.2	.0	20.6	8.6	1.9
New Haven.........	765,966	9.1	2.3	.2	.1	.0	13.8	7.0	5.0
New London........	243,128	11.1	2.9	.2	.2	.0	20.1	8.8	2.5
Tolland...........	116,839	7.8	1.1	.0	.0	.0	14.3	7.3	2.6
Windham...........	93,810	10.4	1.0	.0	.0	.0	28.0	10.4	2.0
Delaware...........	607,232	11.9	2.8	.4	.2	.0	19.8	10.3	5.6
Kent..............	100,489	8.2	2.4	.6	.0	.0	27.8	8.1	5.5
New Castle........	405,169	13.1	3.4	.4	.2	.1	15.2	11.4	5.4
Sussex............	101,575	10.6	.8	.3	.3	.0	31.5	7.6	6.9
District of Columbia	632,299	29.2	4.7	.7	.1	.1	9.6	7.6	24.3
Florida............	10,507,731	11.6	2.7	.3	.2	.1	25.7	14.2	13.5
Alachua...........	161,029	9.2	5.1	.6	.1	.2	21.4	11.9	9.5
Baker.............	16,296	10.6	.0	.0	.0	.0	23.9	12.3	9.1
Bay...............	105,501	13.3	2.1	.9	.2	.2	22.0	11.5	9.0
Bradford..........	21,987	9.2	2.6	.0	.5	.0	26.6	19.8	16.1
Brevard...........	306,632	11.2	1.1	.7	.1	.0	25.8	13.2	7.4
Broward...........	1,063,628	11.3	3.2	.2	.1	.2	23.6	15.6	14.8
Calhoun...........	9,437	15.5	1.7	.0	.0	.0	49.4	9.3	12.2
Charlotte.........	67,963	12.4	.3	.7	.0	.0	28.9	16.0	1.8
Citrus............	65,253	9.4	1.0	.5	.3	.0	48.0	17.2	7.9
Clay..............	75,805	8.5	1.5	.3	.3	.0	31.3	16.1	6.7
Collier...........	100,660	15.4	2.8	1.9	.4	.2	38.7	17.2	19.5
Columbia..........	37,569	12.9	1.7	.8	.0	.0	39.5	10.5	14.4
Dade..............	1,697,914	11.1	5.6	.3	.1	.1	20.9	14.9	26.8
De Soto...........	20,131	6.7	4.0	.0	.0	2.4	41.4	12.8	14.5
Dixie.............	8,513	9.5	2.8	.0	.0	.0	58.5	12.4	20.5
Duval.............	596,542	21.5	1.8	.4	.4	.1	22.3	15.0	15.2
Escambia..........	248,944	10.4	1.8	.5	.2	.0	22.5	10.8	7.7
Flagler...........	13,639	10.4	.6	.0	.0	.0	29.0	22.3	6.4
Franklin..........	7,975	11.8	4.6	.0	.0	2.9	21.0	12.4	11.0
Gadsden...........	42,699	6.8	6.2	1.1	.0	.6	28.5	6.9	13.0
Gilchrist.........	6,532	4.7	1.9	.0	.0	.0	45.1	19.0	6.4
Glades............	6,337	15.7	.0	.0	.0	.0	84.4	13.9	33.6
Gulf..............	11,102	14.6	6.0	.0	.0	.0	41.1	9.5	9.4
Hamilton..........	9,077	16.1	5.0	.0	.0	.0	33.4	3.2	17.1
Hardee............	19,782	7.7	4.8	.8	.0	.8	51.1	13.5	18.5
Hendry............	20,564	9.8	1.1	1.0	.0	1.1	53.8	10.0	22.9
Hernando..........	58,087	10.5	.3	.0	.0	.0	48.0	16.0	7.3
Highlands.........	52,827	12.3	2.3	.0	.0	.0	38.4	9.2	9.1
Hillsborough......	697,059	12.7	3.6	.1	.2	.0	27.0	13.2	12.9
Holmes............	15,457	10.5	4.1	.9	.0	1.5	41.1	16.1	11.1
Indian River......	68,591	12.6	1.6	.3	.2	.0	34.8	12.7	11.7
Jackson...........	40,260	12.6	1.9	.0	.0	.0	38.2	9.3	13.9
Jefferson.........	11,182	9.6	2.4	.0	1.1	.0	23.5	12.4	10.9
Lafayette.........	4,242	26.5	5.9	.0	.0	.0	37.8	30.1	10.0
Lake..............	115,494	11.0	5.0	.0	.3	.0	37.9	14.2	8.6
Lee...............	232,820	13.4	1.0	.3	.0	.0	28.5	15.2	12.6
Leon..............	157,942	7.6	3.7	.9	.2	.5	18.7	10.3	4.6
Levy..............	21,935	10.3	2.7	.0	.5	.0	33.6	22.5	8.2

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Connecticut.........	14.5	6.5	0.7	0.3	0.1	21.4	17.2	26.4	-	-	-	-
Fairfield.........	14.8	6.2	.6	.2	.1	21.1	17.4	27.1	26	5	71	4
Hartford..........	14.2	7.8	1.0	.3	.2	23.0	18.0	27.0	28	4	77	2
Litchfield........	14.5	5.2	.3	.0	.0	19.2	18.2	27.9	30	3	63	7
Middlesex.........	15.7	4.2	.6	.2	.0	20.2	17.4	27.1	26	6	67	6
New Haven.........	13.7	6.6	.8	.4	.1	20.7	15.9	24.3	17	7	69	5
New London........	16.8	6.2	.7	.4	.1	23.2	19.3	29.4	36	2	78	1
Tolland...........	12.7	3.7	.1	.0	.0	16.0	13.0	20.4	5	8	48	8
Windham...........	17.8	4.2	.8	.1	.0	22.2	20.0	30.8	41	1	75	3
Delaware...........	16.9	8.2	1.0	.3	.1	26.0	21.3	32.6	-	-	-	-
Kent..............	15.4	6.9	1.8	.4	.0	24.0	22.3	32.1	49	2	80	2
New Castle........	17.7	9.7	.9	.3	.1	28.4	20.6	32.2	46	3	88	1
Sussex............	15.1	4.2	.7	.3	.0	19.4	23.8	35.5	60	1	64	3
District of Columbia	42.6	9.9	2.5	.3	.2	56.4	34.5	56.7	-	-	-	-
Florida............	16.4	5.2	1.1	.3	.9	23.3	28.1	41.9	-	-	-	-
Alachua...........	12.9	8.1	3.5	.2	3.2	25.1	25.6	36.6	65	52	82	25
Baker.............	13.2	4.3	1.4	1.1	1.5	20.1	21.1	33.1	49	63	67	49
Bay...............	18.1	5.7	2.0	.2	9.0	33.1	24.6	37.6	65	51	93	9
Bradford..........	15.6	4.1	2.6	.5	3.6	22.8	29.6	43.6	80	32	76	37
Brevard...........	15.5	2.5	1.2	.2	1.2	20.0	23.4	35.8	60	58	67	50
Broward...........	15.2	5.2	1.2	.1	.3	21.7	28.3	42.2	77	41	73	44
Calhoun...........	18.3	2.7	.0	.0	8.5	29.6	36.4	53.9	93	11	89	16
Charlotte.........	16.5	1.4	1.3	.0	.0	19.2	22.3	35.2	56	59	63	55
Citrus............	13.4	2.4	2.4	.3	.0	18.1	33.0	47.6	87	24	59	59
Clay..............	12.6	2.9	.8	.3	.8	16.5	25.1	37.0	65	53	51	62
Collier...........	21.5	5.9	2.9	.4	.8	30.9	40.5	59.3	96	9	91	13
Columbia..........	16.2	4.7	2.0	.0	.0	22.3	33.3	48.8	88	19	75	41
Dade..............	16.4	9.1	.7	.2	.3	26.2	34.9	50.3	90	14	84	24
De Soto...........	15.6	9.3	2.3	.0	2.4	28.4	35.9	48.7	90	15	88	19
Dixie.............	15.1	5.6	.0	.0	1.5	22.2	43.4	60.6	97	5	75	42
Duval.............	28.5	5.4	.8	.6	.4	34.9	31.0	50.2	88	21	94	7
Escambia..........	16.2	4.8	1.8	.4	2.0	24.4	22.0	33.2	52	61	81	30
Flagler...........	12.0	1.8	.0	.0	.0	13.7	24.6	38.2	66	50	35	66
Franklin..........	15.2	4.6	8.8	.9	2.9	32.4	28.8	41.5	77	42	92	10
Gadsden...........	11.1	12.5	1.9	.6	5.2	28.7	30.1	40.4	77	40	88	18
Gilchrist.........	4.7	1.9	2.2	.0	2.2	8.7	29.5	41.3	78	37	10	67
Glades............	17.1	1.5	4.8	.0	.0	23.4	60.4	86.3	99	1	78	33
Gulf..............	20.3	9.9	.0	.0	13.3	38.9	35.5	51.1	91	13	96	3
Hamilton..........	21.7	15.1	.0	.0	.0	36.8	34.3	50.2	90	16	95	5
Hardee............	11.1	10.0	2.9	.0	1.7	24.7	42.5	57.7	96	7	81	27
Hendry............	18.5	2.7	1.0	.0	1.1	23.2	42.5	59.3	96	6	78	36
Hernando..........	14.9	4.1	.5	.1	.0	19.2	31.4	46.3	85	27	63	54
Highlands.........	14.7	5.9	.5	.2	.0	21.3	29.6	43.6	81	31	72	46
Hillsborough......	17.7	7.0	.3	.3	.1	24.8	29.2	43.4	80	34	82	26
Holmes............	18.4	8.0	.9	.0	7.8	31.9	36.5	51.3	92	12	92	11
Indian River......	17.8	3.0	.8	.6	2.2	24.3	30.0	44.7	82	29	81	31
Jackson...........	17.1	5.3	.5	.0	7.5	30.0	31.5	46.5	85	26	90	14
Jefferson.........	11.1	9.2	2.6	1.1	5.4	26.8	24.9	36.7	64	55	85	23
Lafayette.........	26.5	10.1	.0	.0	6.3	42.9	43.4	68.7	98	4	97	1
Lake..............	16.1	7.5	.8	.3	.6	24.6	32.6	46.6	86	25	81	28
Lee...............	18.9	2.9	1.0	.0	.5	22.7	27.8	42.9	78	38	76	39
Leon..............	12.0	7.9	2.8	.5	6.7	28.2	20.5	29.1	39	66	87	21
Levy..............	14.8	6.8	4.4	.5	5.9	29.8	29.9	44.3	82	30	89	15

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Liberty...........	4,402	15.7	7.7	0.0	0.0	0.0	89.1	2.5	8.7
Madison...........	15,204	4.6	.0	.7	.0	.0	24.5	9.4	21.3
Manatee...........	160,634	10.2	1.0	.4	.2	.0	32.5	14.4	11.5
Marion............	142,044	8.8	2.4	.2	.4	.1	43.0	16.5	11.8
Martin............	72,893	9.5	2.1	.1	.1	.0	33.5	14.2	7.9
Monroe............	67,458	18.6	2.4	1.4	.0	.0	39.5	17.5	14.7
Nassau............	36,005	18.1	2.8	.0	.0	.0	26.1	9.5	8.9
Okaloosa..........	122,407	9.6	2.2	.0	.0	.0	23.3	13.5	5.2
Okeechobee........	23,073	14.8	7.1	.0	.0	.0	45.1	16.2	26.9
Orange............	510,072	12.1	.8	.5	.3	.1	26.7	13.6	10.0
Osceola...........	61,770	9.0	.7	.9	.0	.0	29.0	14.2	9.1
Palm Beach........	644,360	11.0	2.0	.5	.2	.0	27.5	15.8	13.3
Pasco.............	214,518	9.7	1.3	.4	.0	.2	34.9	20.5	9.1
Pinellas..........	762,202	12.5	1.6	.2	.1	.3	19.3	15.1	6.3
Polk..............	342,487	10.4	2.0	.5	.3	.3	31.7	15.5	11.4
Putnam............	54,424	13.2	1.9	.0	.0	.0	43.2	12.5	13.0
St. Johns.........	58,489	12.0	2.4	.5	.0	.0	31.4	11.9	9.2
St. Lucie.........	101,039	11.0	1.9	.5	.3	.0	37.1	10.3	17.4
Santa Rosa........	60,465	10.0	.9	.3	.7	.0	32.9	10.6	6.5
Sarasota..........	221,676	9.6	1.6	.5	.1	.0	22.4	15.0	6.8
Seminole..........	203,064	9.2	.6	.5	.2	.0	20.0	11.0	5.5
Sumter............	26,372	7.5	4.7	.0	.0	.0	61.9	14.4	12.0
Suwannee..........	23,992	14.2	4.5	1.0	.0	.0	32.4	13.2	11.0
Taylor............	17,431	7.3	4.9	1.3	.0	.0	27.7	13.4	17.0
Union.............	10,572	24.3	2.4	.0	.0	.0	23.1	10.1	16.4
Volusia...........	282,978	14.4	2.2	.2	.0	.0	23.7	15.0	8.8
Wakulla...........	11,841	16.6	5.4	.0	.0	.0	29.1	9.4	5.9
Walton............	23,245	4.2	2.3	.5	.0	.0	38.7	13.4	8.6
Washington........	15,204	6.5	1.5	.0	.0	.0	26.4	6.1	8.8
Georgia.............	5,686,497	10.6	3.6	.9	.3	.4	25.5	11.9	12.7
Appling...........	15,869	15.6	1.7	.0	.0	.0	29.5	10.9	8.9
Atkinson..........	6,220	7.5	.0	.0	.0	.0	63.4	7.5	23.3
Bacon.............	9,390	7.8	.0	2.5	.0	.0	9.1	9.9	3.9
Baker.............	3,774	13.2	.0	.0	.0	.0	59.8	6.8	6.8
Baldwin...........	36,528	14.5	6.6	1.3	.7	.0	20.6	14.9	12.4
Banks.............	9,205	.0	.0	.0	.0	.0	41.4	6.8	2.2
Barrow............	22,969	6.6	6.8	.0	.0	.9	40.0	14.1	16.9
Bartow............	42,650	8.4	6.3	1.8	.0	.0	31.3	18.6	10.6
Ben Hill..........	16,506	9.7	3.2	1.7	1.7	.7	27.1	11.1	8.6
Berrien...........	13,746	8.6	2.5	.0	1.6	.0	37.9	13.2	8.0
Bibb..............	153,946	13.6	3.2	1.1	.2	.1	21.1	14.0	15.6
Bleckley..........	10,731	7.6	5.7	2.3	.0	.0	25.6	8.7	5.5
Brantley..........	8,950	13.4	4.0	.0	.0	.0	46.4	15.1	11.9
Brooks............	15,207	10.8	4.6	.0	1.9	.0	26.7	19.7	11.1
Bryan.............	11,054	22.1	1.7	.0	.0	.0	56.7	10.3	15.9
Bulloch...........	36,590	8.9	2.9	.4	.3	.6	19.8	7.7	8.8
Burke.............	20,028	6.8	7.0	2.9	.0	.0	46.9	7.0	20.3
Butts.............	14,433	7.8	4.1	.7	1.4	.0	23.5	8.5	6.8
Calhoun...........	5,663	.0	.0	.0	.0	.0	40.3	3.7	4.7
Camden............	15,527	6.6	1.4	1.2	.0	.0	33.4	5.0	12.9
Candler...........	7,625	8.8	12.3	.0	.0	.0	24.7	.0	9.4
Carroll...........	59,645	7.0	3.7	.0	.7	.0	25.0	11.0	12.6
Catoosa...........	37,728	7.0	.0	.0	.0	.0	19.6	8.5	6.5
Charlton..........	7,465	8.4	.0	.0	.0	.0	26.0	17.8	14.7
Chatham...........	208,993	19.7	3.0	.7	.1	.1	18.7	9.4	19.0
Chattahoochee.....	21,334	16.0	.0	.4	.0	.0	17.8	3.2	1.4
Chattooga.........	21,625	11.3	1.2	.0	.0	.0	29.5	13.7	8.3
Cherokee..........	58,502	8.8	1.2	1.3	.9	.0	35.1	10.4	7.1

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985 -Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Liberty...........	15.7	11.5	4.9	0.0	10.5	42.6	56.1	76.3	98	2	97	2
Madison...........	7.7	4.0	2.3	1.2	6.7	19.8	24.8	35.2	61	57	66	53
Manatee...........	14.2	2.3	1.2	.2	.3	17.6	27.7	41.1	75	45	56	61
Marion............	14.1	5.9	9.6	.5	.1	29.3	33.6	47.9	88	20	89	17
Martin............	14.0	5.5	.1	.2	.5	19.8	26.9	39.5	72	46	66	52
Monroe............	23.3	7.4	1.4	.0	.3	31.3	38.4	58.3	95	10	91	12
Nassau............	24.7	3.9	.0	.0	.0	27.9	27.4	43.2	77	39	87	22
Okaloosa..........	14.2	3.6	.5	.2	.7	19.0	21.1	32.0	46	64	62	57
Okeechobee........	22.8	9.3	1.1	.0	2.1	33.7	48.0	68.3	98	3	93	8
Orange............	19.6	2.7	1.0	.3	.5	23.3	25.2	38.6	68	49	78	35
Osceola...........	16.7	1.2	1.3	.2	.7	19.9	24.7	36.7	63	56	66	51
Palm Beach........	15.4	4.1	1.0	.2	.5	21.3	28.1	42.0	77	43	71	47
Pasco.............	12.6	2.6	.5	.0	.8	16.4	28.9	43.0	79	36	50	63
Pinellas..........	16.9	3.1	.4	.2	1.3	21.4	21.4	33.9	52	60	72	45
Polk..............	14.6	4.9	1.4	.5	1.0	21.8	29.2	42.9	79	35	74	43
Putnam............	17.7	5.1	.9	.8	.0	23.7	34.0	50.2	90	17	79	32
St. Johns.........	18.3	4.1	.8	.0	.0	22.7	27.7	41.2	75	44	76	38
St. Lucie.........	15.3	6.4	.8	.3	1.7	23.4	33.0	47.8	87	22	78	34
Santa Rosa........	13.1	3.9	.6	1.7	1.9	20.5	25.1	37.0	64	54	69	48
Sarasota..........	14.0	2.6	1.0	.2	.8	18.4	21.7	33.0	50	62	60	58
Seminole..........	12.8	1.6	.8	.2	.5	15.4	18.3	28.2	31	67	45	65
Sumter............	10.8	5.6	1.9	.8	.8	19.0	42.3	57.6	96	8	63	56
Suwannee..........	17.7	9.7	1.4	.5	.7	28.3	32.7	48.1	87	23	88	20
Taylor............	11.0	8.4	1.9	.0	1.2	22.5	31.6	43.7	83	28	76	40
Union.............	26.7	7.3	4.9	.0	4.8	38.8	31.7	51.9	89	18	96	4
Volusia...........	19.7	3.8	.6	.0	.7	24.5	25.4	39.8	70	48	81	29
Wakulla...........	22.6	7.0	3.0	.0	5.6	36.7	29.1	43.9	80	33	95	6
Walton............	5.8	5.0	1.7	.0	4.4	16.0	27.5	37.8	70	47	48	64
Washington........	12.8	1.5	.0	1.5	3.4	17.7	20.6	29.6	40	65	57	60
Georgia.............	14.8	7.3	1.5	.5	1.0	24.1	28.6	41.3	-	-	-	-
Appling...........	22.1	5.9	.0	.0	.0	26.2	26.9	41.9	75	94	84	33
Atkinson..........	11.3	.0	3.1	.0	.0	14.4	42.2	58.5	96	8	39	121
Bacon.............	9.2	7.8	2.5	.0	.0	17.7	13.3	20.8	6	157	57	102
Baker.............	22.5	6.1	.0	.0	.0	22.5	35.1	51.1	91	34	76	62
Baldwin...........	24.0	18.6	6.1	1.3	3.0	48.7	32.0	46.7	86	55	98	1
Banks.............	1.5	2.7	.0	.0	.0	4.2	19.8	25.9	29	149	1	158
Barrow............	13.9	10.1	.0	.0	.9	23.0	38.0	51.2	93	27	77	58
Bartow............	10.7	9.5	2.0	.5	1.0	23.8	33.4	46.4	87	52	79	48
Ben Hill..........	13.4	12.2	1.7	1.7	.7	22.4	28.8	40.3	76	91	75	63
Berrien...........	11.2	4.1	.0	1.6	1.7	17.0	30.0	42.4	80	80	53	105
Bibb..............	17.2	8.3	1.9	.6	2.7	28.2	29.2	43.9	80	76	88	29
Bleckley..........	10.6	11.1	2.3	.0	.0	24.0	26.2	35.5	64	120	79	44
Brantley..........	21.5	6.8	.0	.0	.0	28.4	37.6	54.5	94	20	88	27
Brooks............	15.5	10.4	.0	1.9	.0	24.2	31.2	45.3	84	62	80	42
Bryan.............	22.1	8.3	.0	.0	.0	28.1	44.1	66.8	98	3	87	30
Bulloch...........	11.4	8.0	1.0	.3	1.0	19.4	21.9	31.6	47	142	64	91
Burke.............	9.7	10.1	5.8	.0	.0	25.6	43.3	56.8	96	9	83	35
Butts.............	15.8	7.9	2.1	1.4	.0	24.7	24.2	33.5	57	130	81	40
Calhoun...........	5.0	.0	.0	.0	3.7	8.7	19.9	25.7	29	150	10	151
Camden............	10.5	4.1	1.2	.0	.0	15.8	26.4	36.7	66	111	47	112
Candler...........	15.2	14.7	.0	.0	.0	30.0	30.7	39.8	77	87	90	22
Carroll...........	11.0	6.0	.0	.7	.4	17.2	25.8	36.4	65	118	55	103
Catoosa...........	9.7	1.1	.5	.0	.0	12.4	15.9	24.4	17	156	28	133
Charlton..........	13.0	9.6	.0	.0	.0	20.6	24.8	37.8	66	115	69	76
Chatham...........	26.1	5.1	1.0	.3	3.5	35.4	30.7	48.2	86	54	94	9
Chattahoochee.....	16.0	.0	.4	.0	.0	16.4	15.7	27.1	22	154	50	108
Chattooga.........	13.1	2.3	1.0	1.5	.0	16.8	24.9	38.0	66	113	52	106
Cherokee..........	11.6	3.3	1.3	.9	.0	16.1	27.2	38.8	71	104	49	109

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Clarke	75,636	11.4	1.5	2.4	0.0	0.4	20.4	7.9	10.0
Clay	3,443	19.7	.0	.0	.0	.0	28.4	38.1	14.1
Clayton	158,452	8.9	1.0	.0	.0	.2	22.6	15.5	7.1
Clinch	6,702	3.7	3.2	.0	.0	.0	42.3	5.9	16.3
Cobb	330,716	9.7	1.0	.3	.1	.4	24.9	12.5	6.6
Coffee	27,749	11.1	2.3	1.4	.0	.0	32.5	10.3	14.1
Colquitt	35,777	9.6	2.5	.0	.7	.7	25.9	12.5	9.8
Columbia	45,623	8.7	1.4	.0	.0	.6	22.3	9.4	5.8
Cook	13,641	6.0	3.5	.0	.0	.0	29.8	14.3	8.7
Coweta	41,502	8.6	1.6	.0	.0	.0	38.3	14.4	14.9
Crawford	7,439	.0	6.8	.0	.0	.0	29.7	19.5	13.2
Crisp	19,954	10.2	2.0	1.7	.0	.0	28.5	11.5	11.2
Dade	11,907	7.0	1.4	.0	.0	.0	44.4	11.7	15.6
Dawson	5,360	3.4	2.5	3.4	.0	.0	64.0	12.7	6.0
Decatur	26,019	11.5	5.4	.0	1.0	.0	35.7	7.1	13.0
De Kalb	496,547	10.1	1.9	.6	.2	.5	17.3	11.6	10.1
Dodge	16,974	12.8	1.3	.0	.0	.0	29.6	5.0	12.6
Dooly	10,662	7.2	6.1	.0	.0	.0	47.2	9.3	13.3
Dougherty	102,216	10.6	4.9	.4	.6	.2	22.1	12.1	16.9
Douglas	59,642	7.7	5.6	.7	.4	.0	25.9	14.8	9.5
Early	13,079	14.7	5.1	.0	.0	.0	39.1	7.1	23.6
Echols	2,325	.0	.0	.0	.0	.0	8.7	19.7	9.1
Effingham	19,609	4.3	.9	.0	.0	1.3	27.8	9.5	10.7
Elbert	18,821	8.4	3.7	1.1	.0	.0	37.7	9.3	13.7
Emanuel	21,050	10.5	5.7	1.3	.0	.0	37.3	9.9	18.7
Evans	8,522	10.8	2.7	.0	3.3	.0	41.0	18.1	19.8
Fannin	15,030	6.5	1.3	1.8	.0	.0	32.1	10.7	7.6
Fayette	34,943	7.3	2.0	.7	.0	.0	29.7	10.4	3.6
Floyd	79,052	5.2	2.3	1.3	.2	.0	23.3	13.1	11.3
Forsyth	30,979	7.0	2.7	1.9	.0	.0	35.8	14.9	3.7
Franklin	15,373	7.8	3.4	2.9	.0	1.4	50.9	13.5	19.8
Fulton	602,925	15.0	12.3	1.3	.5	1.6	20.5	13.1	26.4
Gilmer	11,477	4.1	5.2	.0	.0	.0	35.6	13.6	2.1
Glascock	2,364	.0	.0	.0	.0	.0	22.8	6.2	.0
Glynn	57,132	12.8	4.4	1.8	1.1	.0	25.3	11.6	15.8
Gordon	31,360	10.3	3.7	1.4	.0	.0	38.4	14.5	10.9
Grady	20,349	3.0	2.6	1.7	.0	.0	40.5	14.6	14.1
Greene	11,730	19.2	5.7	1.5	2.3	.0	15.4	7.5	9.0
Gwinnett	203,318	6.9	1.0	.0	.0	.4	22.3	12.7	4.5
Habersham	25,980	7.4	3.4	.0	.0	.9	30.8	5.9	13.4
Hall	79,384	13.2	2.5	1.1	.2	.2	28.7	12.2	8.2
Hancock	9,434	18.9	.0	.0	.0	.0	41.1	6.3	18.3
Haralson	18,991	11.9	.0	.0	.0	.0	42.6	18.2	6.2
Harris	16,012	10.3	2.2	2.1	.0	.0	55.7	13.1	12.5
Hart	18,891	6.4	5.0	2.4	.0	1.2	47.3	6.8	10.5
Heard	6,619	10.2	.0	.0	.0	.0	48.9	31.2	10.5
Henry	39,518	4.7	1.6	.0	.0	.0	26.6	12.7	11.3
Houston	81,581	10.8	2.8	1.3	.0	.0	16.1	12.1	7.1
Irwin	8,894	11.1	4.6	.0	.0	.0	37.1	25.8	13.9
Jackson	26,330	15.2	1.4	.0	.0	.0	46.3	15.9	8.6
Jasper	7,734	19.3	3.1	.0	2.0	.0	24.9	.0	11.1
Jeff Davis	11,632	8.0	1.5	2.1	.0	2.1	40.8	12.0	13.4
Jefferson	18,510	4.7	6.3	.9	1.3	.0	32.5	9.4	10.1
Jenkins	8,550	3.3	.0	.0	.0	.0	57.9	3.0	9.8
Johnson	8,698	.0	2.9	.0	.0	.0	34.4	9.8	18.0
Jones	17,402	10.4	6.1	1.3	.0	.0	42.4	9.1	9.7
Lamar	12,196	10.1	1.4	3.8	.0	.0	10.9	18.6	7.2
Lanier	5,698	8.5	1.7	.0	.0	.0	33.5	8.1	9.6
Laurens	37,676	13.0	1.9	.0	.0	.0	26.2	11.3	18.1
Lee	12,759	2.4	3.3	.0	.0	.0	38.6	9.5	12.5

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Clarke............	16.8	3.1	2.4	0.0	1.1	23.4	23.8	35.3	59	127	78	52
Clay..............	27.1	.0	.0	.0	.0	27.1	34.2	56.9	93	22	86	32
Clayton...........	11.9	2.5	.3	.2	.7	15.0	20.9	32.0	46	146	42	117
Clinch............	5.9	4.9	.0	.0	.0	10.8	31.3	41.7	80	77	18	144
Cobb..............	14.1	2.9	.7	.3	.6	18.0	21.9	33.1	51	134	59	98
Coffee............	16.5	4.9	3.8	.0	.9	26.1	30.6	44.3	82	68	84	34
Colquitt..........	12.7	5.1	.6	1.0	2.0	18.7	25.8	37.6	67	110	61	96
Columbia..........	14.0	3.1	.5	.5	.6	19.4	19.6	29.3	37	147	64	90
Cook..............	8.2	3.5	.0	.0	.0	11.7	25.5	35.9	64	122	24	139
Coweta............	10.8	3.2	.0	.0	.0	13.4	31.1	44.9	83	65	33	132
Crawford..........	.0	6.8	.0	.0	.0	6.8	29.3	38.2	73	97	5	155
Crisp.............	16.7	4.0	1.7	.0	.0	21.0	27.4	39.9	73	99	71	72
Dade..............	7.0	2.5	.0	.0	.0	9.5	32.6	45.9	86	56	13	149
Dawson............	12.6	6.0	3.4	3.4	.0	22.0	39.6	51.7	94	21	74	65
Decatur...........	13.8	8.3	.0	1.0	.0	21.4	33.7	47.3	87	48	72	69
De Kalb...........	14.3	4.1	.8	.3	.6	19.9	21.6	32.7	49	137	66	86
Dodge.............	16.5	7.9	.0	.0	.0	23.0	25.9	39.1	70	107	77	59
Dooly.............	12.3	16.2	.0	.0	2.5	28.5	37.0	49.9	91	31	88	26
Dougherty.........	13.6	11.7	.9	.6	1.6	25.3	30.2	43.4	81	74	83	38
Douglas...........	10.3	9.0	.7	.4	.0	21.3	28.1	39.3	73	98	72	70
Early.............	21.7	12.2	.0	.0	1.3	30.1	40.1	57.5	95	14	90	21
Echols............	.0	.0	8.7	.0	.0	8.7	11.8	17.7	2	158	10	152
Effingham.........	4.3	1.9	1.1	.0	2.3	9.5	22.6	31.3	48	140	13	148
Elbert............	11.3	9.1	1.1	.0	.0	20.2	32.4	44.9	85	59	68	80
Emanuel...........	13.4	10.1	1.8	1.8	.0	25.1	37.7	52.4	93	24	82	39
Evans.............	13.6	10.3	.0	3.3	.0	23.8	40.6	57.4	96	13	79	47
Fannin............	7.3	2.8	1.8	.0	.0	12.0	25.0	35.1	62	123	26	136
Fayette...........	10.5	3.4	.7	.0	.4	14.3	21.9	31.5	47	143	38	123
Floyd.............	9.2	5.1	1.7	.6	.5	15.9	23.6	33.1	55	132	47	111
Forsyth...........	9.4	3.8	1.9	.6	.6	15.0	27.3	38.1	70	106	42	116
Franklin..........	15.2	6.5	2.9	.0	1.4	23.5	44.3	59.7	97	7	78	51
Fulton............	20.7	19.8	2.4	.8	2.6	44.8	45.6	62.6	97	5	98	2
Gilmer............	7.1	5.2	.0	.0	.0	12.3	25.6	34.4	61	124	28	134
Glascock..........	17.6	12.5	.0	.0	.0	30.2	10.8	14.4	1	159	90	20
Glynn.............	18.3	9.9	2.1	1.1	.0	30.4	32.9	47.2	87	51	90	19
Gordon............	13.2	5.3	1.4	.5	.6	19.9	33.4	47.5	87	49	66	85
Grady.............	5.8	5.2	1.7	.0	1.1	13.8	32.1	43.1	83	66	36	128
Greene............	24.4	5.7	1.5	2.3	2.1	33.8	29.5	44.4	81	73	93	14
Gwinnett..........	10.4	3.8	.1	.0	.7	14.2	18.3	27.4	29	151	38	125
Habersham.........	13.3	6.4	.0	.5	1.8	20.2	27.8	38.4	71	103	68	81
Hall..............	15.5	5.2	1.4	.2	.7	21.5	27.7	41.4	75	92	72	67
Hancock...........	21.5	1.3	.0	.0	.0	22.8	34.9	53.8	92	28	76	60
Haralson..........	13.7	.9	.0	.0	.0	14.6	29.3	44.6	81	72	40	120
Harris............	11.7	2.2	2.1	.0	.0	16.0	40.5	56.5	95	15	48	110
Hart..............	10.4	6.2	3.2	.0	1.2	19.8	37.5	49.1	91	33	66	87
Heard.............	12.1	.0	.0	.0	.0	12.1	35.9	53.9	93	25	26	135
Henry.............	9.8	2.0	.0	.0	.0	11.8	22.5	32.0	49	136	24	138
Houston...........	13.4	5.8	1.5	.3	.0	20.9	21.0	31.9	46	145	70	73
Irwin.............	11.1	14.9	.0	.0	.0	23.9	36.4	53.2	93	26	79	45
Jackson...........	17.4	2.1	.0	.0	.0	18.8	34.3	51.7	91	35	62	94
Jasper............	27.0	8.2	.0	2.0	.0	35.2	28.7	43.8	80	79	94	10
Jeff Davis........	12.2	3.0	2.1	.0	2.1	19.4	34.8	47.9	89	42	64	89
Jefferson.........	5.6	8.5	.9	1.3	.0	15.0	30.7	40.1	78	86	42	115
Jenkins...........	13.4	1.4	3.3	1.4	.0	18.0	30.9	41.2	79	81	58	100
Johnson...........	7.8	2.9	.0	.0	.0	10.8	27.8	36.4	68	109	18	143
Jones.............	11.7	6.1	2.5	.0	1.3	20.3	35.8	49.3	90	37	68	79
Lamar.............	10.9	8.6	3.8	.0	2.0	23.3	21.1	32.1	47	144	78	53
Lanier............	12.1	1.7	.0	.0	.0	18.0	25.4	36.6	64	119	58	101
Laurens...........	17.5	7.7	.6	.0	.0	23.9	29.0	43.9	80	78	79	46
Lee...............	4.8	3.3	.0	.0	.0	8.1	28.3	37.5	71	105	8	153

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Liberty	39,746	5.4	1.1	0.0	0.0	0.0	31.7	9.5	8.2
Lincoln	6,859	1.5	.0	.0	.0	.0	24.0	3.8	12.0
Long	5,112	8.0	.0	.0	.0	.0	22.5	12.7	38.2
Lowndes	70,436	9.3	1.7	.3	.4	.0	22.3	9.1	12.8
Lumpkin	11,324	8.7	2.2	.0	.0	.0	26.2	12.8	9.9
McDuffie	19,087	8.4	1.8	2.3	.9	.0	16.8	10.9	9.4
McIntosh	7,997	.0	1.5	.0	3.0	.0	54.7	23.7	5.5
Macon	14,032	4.1	1.9	.0	.0	.0	25.8	3.4	8.4
Madison	18,070	9.8	1.2	.0	1.4	.0	29.2	16.0	5.5
Marion	5,349	18.2	.0	.0	.0	.0	51.2	7.5	8.9
Meriwether	20,923	6.5	1.1	.0	.0	.0	42.2	12.6	16.1
Miller	6,909	5.5	.0	.0	.0	.0	54.2	8.8	11.3
Mitchell	21,336	10.0	2.5	.0	.0	.0	49.4	11.9	19.5
Monroe	14,851	5.8	3.7	.0	.0	.0	35.1	7.1	8.7
Montgomery	7,056	14.8	1.8	3.7	1.8	.0	40.1	17.4	9.4
Morgan	11,899	12.1	6.5	3.4	.0	.0	34.2	9.1	22.8
Murray	20,551	13.0	1.0	3.3	.0	1.9	29.7	15.4	8.6
Muscogee	174,487	11.4	2.8	2.5	.3	.0	17.7	11.2	15.7
Newton	36,691	8.4	2.8	.0	.0	.0	21.4	16.6	16.2
Oconee	13,448	12.3	.0	.0	1.3	.0	32.3	13.8	3.9
Oglethorpe	9,221	8.4	2.6	4.7	.0	.0	51.6	26.5	8.2
Paulding	28,015	14.4	3.8	.0	1.4	.0	36.0	15.9	9.7
Peach	19,174	15.9	8.1	1.2	.0	1.1	29.6	13.0	17.2
Pickens	12,403	9.5	3.6	.0	.0	.0	39.3	29.3	.0
Pierce	12,252	6.5	4.8	.0	.0	.0	18.7	9.3	4.3
Pike	8,732	4.1	4.0	2.2	2.2	1.1	36.9	15.4	11.5
Polk	32,881	10.0	3.1	1.4	.7	.0	33.9	13.5	12.1
Pulaski	8,889	6.3	.0	2.5	.9	.0	35.2	17.4	21.0
Putnam	10,909	10.8	1.8	.0	.0	.0	44.1	12.8	16.1
Quitman	2,318	4.0	12.5	.0	.0	.0	69.0	40.8	24.7
Rabun	10,632	10.9	6.4	2.0	1.2	.0	29.5	15.0	11.0
Randolph	9,435	7.9	.0	7.5	1.8	.0	23.9	6.1	23.6
Richmond	185,713	15.9	4.4	1.4	1.3	.7	18.5	8.8	16.5
Rockdale	40,132	9.6	.4	.0	.5	.0	29.5	12.0	4.7
Schley	3,428	15.8	.0	.0	.0	.0	11.6	21.9	13.3
Screven	14,189	6.6	4.3	.0	.0	1.2	38.2	10.9	10.5
Seminole	8,921	5.9	1.2	2.6	.0	.0	21.1	7.3	13.4
Spalding	49,593	12.8	4.3	4.2	.0	.4	25.0	15.5	15.0
Stephens	22,013	3.1	6.1	.0	.0	.0	30.4	16.6	12.7
Stewart	5,814	8.9	8.6	.0	.0	.0	21.5	29.0	18.5
Sumter	29,762	18.1	4.2	.6	1.6	.0	31.0	10.7	13.1
Talbot	6,591	4.5	5.4	.0	.0	.0	46.9	.0	7.8
Taliaferro	2,061	3.7	.0	.0	.0	.0	62.4	.0	23.4
Tattnall	17,991	13.5	.0	.0	.0	.0	44.2	15.2	11.7
Taylor	8,007	9.9	1.1	.0	.0	.0	50.1	14.0	5.7
Telfair	11,400	6.0	5.2	.0	.0	2.0	50.3	16.9	11.2
Terrell	11,898	4.4	8.3	.0	1.0	.0	38.6	6.2	30.2
Thomas	38,349	11.2	3.1	1.8	.0	.3	25.4	11.9	12.7
Tift	33,362	9.1	3.9	1.6	.0	.0	22.5	6.4	13.0
Toombs	23,109	9.4	4.6	1.0	.0	.0	18.6	12.6	20.3
Towns	5,875	8.6	8.6	4.5	.0	.0	29.3	.0	8.3
Treutlen	6,057	1.9	2.9	.0	.0	.0	37.7	3.6	29.6
Troup	51,561	10.4	2.2	.4	.7	1.0	28.8	13.3	14.0
Turner	9,518	14.6	2.1	.0	.0	.0	34.1	7.2	9.6
Twiggs	9,676	5.6	.0	.0	.0	.0	41.7	1.4	9.8
Union	9,896	3.3	.0	.0	.0	.0	35.4	9.2	9.3
Upson	26,234	9.1	4.4	1.1	.0	.9	26.7	9.0	9.8
Walker	56,184	7.4	.6	.4	.0	.6	30.9	8.6	8.6
Walton	31,798	9.5	2.5	1.6	.0	.0	37.8	18.8	6.3
Ware	37,164	13.2	2.7	1.3	.0	.0	24.5	16.0	12.2

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985 -Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Liberty	7.6	2.2	0.4	0.0	0.0	10.3	22.3	31.7	49	139	16	147
Lincoln	3.6	7.2	.0	3.6	.0	10.8	17.1	23.2	17	155	18	145
Long	8.0	4.0	.0	.0	.0	8.0	33.2	48.7	88	45	8	154
Lowndes	14.5	4.7	.9	.7	.0	19.7	23.4	34.5	57	129	65	88
Lumpkin	8.7	4.3	.0	.0	.0	10.9	24.0	35.4	60	126	19	142
McDuffie	16.1	4.2	2.3	.9	.0	22.5	22.1	31.9	49	138	76	61
McIntosh	8.4	6.3	.0	3.0	3.0	20.7	34.8	45.8	87	50	69	75
Macon	5.4	3.9	.0	.0	.0	9.2	19.1	26.2	28	152	12	150
Madison	11.2	1.2	.0	1.4	.0	13.8	24.6	36.8	64	121	35	130
Marion	18.2	.0	.0	2.3	.0	20.5	34.7	52.9	92	29	69	77
Meriwether	11.2	3.9	.0	.0	.0	15.1	31.5	44.6	84	64	43	114
Miller	10.5	.0	.0	.0	.0	10.5	32.1	44.4	84	63	17	146
Mitchell	14.0	7.0	.0	.0	.0	20.2	38.9	55.1	94	17	67	82
Monroe	6.1	7.1	1.6	.9	1.6	16.4	26.3	36.0	65	116	50	107
Montgomery	23.9	10.0	5.4	1.8	.0	35.7	38.0	54.9	94	18	95	8
Morgan	17.2	14.6	3.4	.0	.0	35.2	41.8	57.5	96	10	94	11
Murray	17.3	4.1	3.3	.9	1.9	25.5	31.1	45.5	84	61	83	36
Muscogee	16.6	12.6	4.4	.4	1.4	33.4	27.3	40.0	73	100	93	15
Newton	12.3	4.9	.7	.6	.0	19.0	26.2	38.6	69	108	63	92
Oconee	21.1	6.7	3.3	1.3	.0	29.2	24.5	37.7	65	117	89	25
Oglethorpe	8.4	5.2	9.6	.0	2.3	23.2	41.6	57.7	96	11	78	54
Paulding	18.9	5.2	.0	2.8	.0	25.5	34.0	50.1	90	40	83	37
Peach	21.9	14.7	1.2	.0	2.1	37.7	40.0	56.9	95	16	95	7
Pickens	12.8	5.9	.0	.0	.0	18.7	29.8	44.3	81	71	61	95
Pierce	9.1	4.8	.0	.0	.0	13.9	19.2	27.1	30	148	36	127
Pike	10.5	4.0	2.2	2.2	3.3	17.1	35.2	46.1	88	47	54	104
Polk	12.1	6.1	3.4	.7	.0	23.0	31.9	45.3	85	60	77	57
Pulaski	6.3	1.2	2.5	.9	.0	11.0	34.2	48.0	89	43	20	141
Putnam	13.0	3.9	1.8	.0	3.5	22.2	34.9	50.5	90	36	75	64
Quitman	8.0	12.5	.0	.0	.0	20.4	62.8	83.7	99	1	68	78
Rabun	11.8	10.1	8.7	1.2	.0	28.4	34.7	48.2	89	41	88	28
Randolph	19.6	8.9	12.4	1.8	.0	42.7	34.8	46.8	88	46	97	3
Richmond	21.7	8.6	3.2	1.7	1.2	34.1	31.7	46.6	85	57	93	13
Rockdale	12.6	.9	.0	.5	.0	14.1	21.9	33.2	51	133	37	126
Schley	15.8	.0	.0	.0	6.6	15.8	22.0	37.8	61	125	47	113
Screven	6.6	8.0	.0	.0	1.2	14.9	31.4	42.8	82	70	42	119
Seminole	8.9	2.9	2.6	.0	2.6	14.4	22.8	31.9	50	135	39	122
Spalding	24.0	8.6	6.6	.0	2.1	39.4	34.8	49.7	90	38	96	4
Stephens	6.7	12.8	.0	.7	.0	19.0	29.5	39.4	75	93	62	93
Stewart	12.1	8.6	2.3	.0	2.3	23.0	35.8	51.0	91	32	77	56
Sumter	23.9	7.3	.6	1.6	.0	31.9	35.1	52.3	92	30	92	17
Talbot	6.0	8.3	.0	.0	.0	14.3	30.6	39.5	77	88	38	124
Taliaferro	3.7	.0	.0	.0	.0	3.7	38.7	51.6	93	23	1	159
Tattnall	18.9	.9	1.4	.0	.0	21.3	32.7	49.4	88	44	71	71
Taylor	13.5	3.1	2.0	1.4	.0	18.0	31.7	45.9	85	58	59	99
Telfair	11.8	10.6	.0	.0	2.0	24.5	39.5	53.0	94	19	81	41
Terrell	7.4	14.3	.0	2.0	.0	23.7	42.8	55.7	96	12	79	49
Thomas	17.9	6.8	2.4	.0	4.5	29.9	28.9	42.0	78	85	90	23
Tift	11.1	6.5	2.2	.8	.0	19.9	26.1	36.9	66	112	66	84
Toombs	12.0	6.5	1.0	.0	.0	21.5	29.3	42.0	78	83	72	68
Towns	13.6	8.6	4.5	5.0	.0	31.8	32.8	42.1	82	67	92	18
Treutlen	4.7	5.8	4.4	.0	.0	14.9	34.1	44.9	86	53	42	118
Troup	13.8	8.8	1.4	1.2	1.9	24.2	30.0	43.4	81	75	80	43
Turner	21.8	5.4	.0	.0	.0	27.1	28.3	42.8	78	84	86	31
Twiggs	10.1	8.5	1.4	.0	.0	18.2	24.7	34.2	59	128	59	97
Union	6.7	1.1	.0	.0	.0	6.7	22.4	31.3	48	141	5	156
Upson	12.2	7.5	3.2	.0	.9	23.2	27.7	38.7	72	101	78	55
Walker	10.3	1.3	.6	.0	1.0	13.8	23.4	33.7	55	131	35	129
Walton	11.6	6.5	2.9	.0	.7	20.9	30.6	44.1	82	69	70	74
Ware	20.7	6.0	3.1	.0	.6	29.8	28.5	43.1	78	82	89	24

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Warren............	6,466	0.0	7.7	0.0	0.0	0.0	28.5	7.0	19.6
Washington........	19,105	10.9	9.8	.0	2.2	.0	33.8	20.8	24.9
Wayne.............	21,379	13.9	.8	.0	.0	.0	33.0	7.7	11.7
Webster...........	2,254	38.1	.0	.0	.0	.0	35.7	21.2	39.9
Wheeler...........	5,100	6.6	.0	.0	.0	.0	36.2	15.7	9.3
White.............	10,625	5.0	1.4	.0	.0	.0	29.4	1.6	5.6
Whitfield.........	66,996	10.3	3.3	.3	.6	.9	27.3	12.5	8.0
Wilcox............	7,601	2.3	10.2	3.9	.0	.0	35.9	10.3	30.6
Wilkes............	11,051	5.3	1.3	.0	1.3	.0	40.0	14.3	9.5
Wilkinson.........	10,564	17.7	4.5	1.7	.0	.0	24.8	12.8	15.2
Worth.............	18,243	5.1	2.5	.0	.0	.0	38.3	15.6	9.6
Hawaii.............	1,006,396	6.7	.6	.1	.0	.1	15.4	10.2	4.9
Hawaii............	100,387	6.7	.5	.2	.0	.0	27.7	10.3	5.9
Honolulu..........	785,958	6.8	.6	.0	.0	.1	12.7	10.5	4.9
Kauai.............	42,026	7.5	1.0	.0	.0	.4	27.1	9.4	4.0
Maui..............	78,025	6.6	.6	.0	.0	.0	22.2	8.4	3.5
Idaho..............	974,509	7.3	1.1	.4	.1	.1	29.2	14.4	3.6
Ada...............	181,811	6.8	.7	.4	.0	.0	23.8	16.3	3.5
Adams.............	3,362	6.7	.0	.0	.0	.0	11.5	7.1	.0
Bannock...........	67,240	8.2	1.6	1.1	.6	.0	25.1	13.2	3.3
Bear Lake.........	6,942	9.8	.0	.0	2.0	.0	41.1	26.1	8.1
Benewah...........	8,379	19.4	2.7	.0	3.1	.0	58.3	18.6	3.1
Bingham...........	37,515	13.7	2.2	.0	.0	.0	36.5	16.6	4.6
Blaine............	11,570	4.6	2.3	.0	.0	3.0	22.2	14.9	.0
Boise.............	2,958	.0	.0	.0	.0	.0	62.0	4.7	18.0
Bonner............	24,923	6.4	2.0	.0	.0	1.3	39.0	16.9	3.7
Bonneville........	67,950	9.4	.7	1.4	.3	.0	28.2	17.8	.7
Boundary..........	7,477	10.7	.0	.0	.0	.0	40.6	12.0	13.5
Butte.............	3,322	7.9	.0	.0	.0	.0	17.4	7.9	.0
Camas.............	751	.0	.0	.0	.0	.0	26.5	.0	12.0
Canyon............	86,620	5.4	.3	.3	.0	.0	27.8	10.7	3.4
Caribou...........	8,625	2.1	.0	.0	.0	.0	30.4	17.9	.0
Cassia............	20,187	7.8	5.5	.0	.0	.0	32.2	12.3	12.7
Clark.............	790	18.5	.0	.0	.0	.0	.0	.0	23.4
Clearwater........	10,210	7.4	3.7	.0	.0	.0	44.1	23.9	7.9
Custer............	4,532	18.6	.0	.0	.0	.0	40.5	31.5	20.0
Elmore............	22,314	10.1	.0	.8	1.2	.0	30.9	12.8	3.1
Franklin..........	9,342	2.2	.0	.0	.0	.0	21.6	10.1	3.0
Fremont...........	10,826	1.4	1.9	.0	.0	.0	31.2	19.2	4.6
Gem...............	11,723	4.3	.9	.0	.0	.0	31.0	10.6	4.2
Gooding...........	12,143	4.6	1.9	2.0	.0	.0	43.4	13.0	4.7
Idaho.............	14,464	4.3	2.1	.0	.0	.0	32.5	20.5	4.2
Jefferson.........	15,892	3.8	1.6	.0	.0	.0	37.6	10.5	5.8
Jerome............	15,316	4.5	.9	.0	.0	.0	30.0	12.0	6.6
Kootenai..........	62,787	8.5	1.8	.0	.0	.0	25.6	12.1	2.5
Latah.............	29,840	4.8	1.7	.0	.0	.0	9.3	11.2	2.3
Lemhi.............	7,623	4.0	1.6	.0	.0	.0	60.2	15.5	4.0
Lewis.............	4,017	21.2	.0	.0	.0	.0	32.8	33.2	2.7
Lincoln...........	3,513	.0	.0	.0	.0	.0	41.5	15.4	.0
Madison...........	20,845	1.1	.0	.0	.0	.0	17.8	6.3	1.8
Minidoka..........	20,577	7.0	.8	.0	.0	.0	32.0	17.8	4.5
Nez Perce.........	33,026	11.2	2.1	.7	.5	.0	36.1	18.2	.0
Oneida............	3,378	9.8	.0	.0	.0	.0	34.9	12.9	.0
Owyhee............	8,522	10.8	2.0	.0	.0	.0	30.3	15.0	3.2
Payette...........	15,823	5.6	.0	.0	.0	.0	34.3	12.4	7.9
Power.............	6,850	3.4	.0	2.8	.0	.0	50.1	17.9	2.7

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
							Range of Rates					
	Cirr-hosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Mini-mum	Maxi-mum	Rank in U.S. (Per-centile)	Rank in State	Rank in U.S. (Per-centile)	Rank in State
Warren............	6.1	13.8	0.0	0.0	0.0	20.0	30.3	37.9	74	95	66	83
Washington........	15.6	17.8	.7	4.5	.0	34.5	46.5	63.8	97	4	94	12
Wayne.............	17.4	2.6	1.1	.0	1.9	21.9	27.4	41.8	76	90	74	66
Webster...........	38.1	.0	.0	.0	.0	38.1	53.6	88.5	99	2	96	6
Wheeler...........	10.1	3.3	.0	.0	.0	13.4	25.4	37.2	66	114	33	131
White.............	5.0	1.4	.0	.0	.0	6.4	18.8	26.0	27	153	4	157
Whitfield.........	14.2	8.2	.3	1.2	.9	23.5	27.2	39.2	72	102	79	50
Wilcox............	14.7	13.4	3.9	.0	.0	32.0	46.6	58.7	97	6	92	16
Wilkes............	6.0	4.0	.0	1.3	.0	11.3	29.0	40.3	76	89	22	140
Wilkinson.........	23.6	15.3	1.7	.0	.0	38.2	33.6	50.6	90	39	96	5
Worth.............	7.3	3.5	1.2	.0	1.2	12.0	28.2	39.5	74	96	26	137
Hawaii.............	11.4	2.1	.2	.1	.3	13.7	14.3	22.2	-	-	-	-
Hawaii............	11.0	2.0	.5	.0	.7	14.0	19.9	29.3	38	1	37	2
Honolulu..........	11.5	2.1	.2	.1	.3	13.7	13.2	20.9	6	4	35	4
Kauai.............	10.9	2.7	.0	.0	.4	14.1	19.6	28.9	36	2	37	1
Maui..............	11.7	2.4	.0	.0	.0	13.9	16.0	24.0	16	3	36	3
Idaho..............	10.4	3.3	.9	.3	.5	14.6	21.5	31.8	-	-	-	-
Ada...............	10.8	1.5	.9	.1	.3	13.2	18.8	28.4	33	35	32	28
Adams.............	6.7	.0	8.0	.0	.0	14.7	9.0	15.1	1	43	41	22
Bannock...........	13.4	6.6	1.8	.8	.3	20.9	21.3	31.3	45	28	70	7
Bear Lake.........	11.8	2.0	.0	2.0	.0	13.8	32.3	47.9	87	7	35	27
Benewah...........	25.4	5.4	.0	3.1	.0	33.0	43.4	64.0	97	1	92	2
Bingham...........	17.1	6.8	.6	.0	1.8	22.4	28.7	43.7	79	11	75	5
Blaine............	4.6	5.3	.0	.0	3.0	9.8	19.4	26.9	31	36	14	35
Boise.............	.0	.0	.0	.0	.0	.0	35.4	46.1	88	6	...	...
Bonner............	8.0	3.6	.0	.0	2.6	14.9	27.5	38.8	72	15	42	21
Bonneville........	14.0	2.3	2.7	.3	.9	19.3	22.0	33.3	52	25	64	12
Boundary..........	10.7	4.6	.0	.0	.0	15.2	30.2	44.7	82	9	44	20
Butte.............	7.9	13.4	.0	.0	.0	21.3	12.1	19.7	4	41	71	6
Camas.............	20.4	.0	.0	.0	.0	20.4	16.8	21.8	13	39	68	8
Canyon............	7.4	1.9	.5	.5	.0	9.6	18.2	26.6	27	37	13	36
Caribou...........	2.1	4.3	.0	.0	.0	4.3	17.2	24.8	21	38	1	41
Cassia............	13.0	6.8	.0	.0	1.4	19.9	30.6	42.6	81	10	66	9
Clark.............	36.9	.0	.0	.0	.0	36.9	18.6	32.5	42	30	95	1
Clearwater........	9.1	3.7	.0	.0	.0	12.8	33.7	48.0	88	5	30	30
Custer............	18.6	7.1	3.9	.0	.0	26.1	40.4	63.7	97	2	84	3
Elmore............	14.9	1.2	.8	1.2	.7	18.3	23.2	34.7	57	19	60	14
Franklin..........	7.4	1.4	.0	.0	.0	8.8	13.4	19.2	5	40	10	38
Fremont...........	4.0	4.5	6.8	.0	2.3	15.4	21.5	29.7	42	29	45	19
Gem...............	6.5	5.7	.0	.0	.0	12.2	19.8	28.0	34	34	27	32
Gooding...........	8.7	3.1	2.0	.0	.0	13.8	28.9	39.2	74	13	36	26
Idaho.............	6.3	6.5	1.2	.0	.0	14.0	23.6	33.7	56	20	36	25
Jefferson.........	4.7	3.2	.0	.0	.0	6.3	23.8	32.8	55	22	4	40
Jerome............	9.1	1.9	.0	.0	.0	14.2	20.8	29.7	41	31	38	23
Kootenai..........	10.7	5.5	.7	.0	.0	15.7	19.6	29.5	38	32	46	18
Latah.............	8.6	3.0	.0	.0	1.1	11.6	10.9	16.8	2	42	24	33
Lemhi.............	4.7	2.3	.0	.0	.0	7.0	33.5	45.7	86	8	6	39
Lewis.............	25.6	.0	.0	.0	.0	25.6	30.4	51.6	88	4	83	4
Lincoln...........	.0	.0	.0	.0	.0	.0	20.5	27.7	35	33	...	...
Madison...........	2.1	.0	1.3	.0	.0	3.4	10.0	13.9	0	44	0	42
Minidoka..........	9.3	.8	.0	.0	.0	10.1	22.8	33.9	55	21	15	34
Nez Perce.........	13.7	4.6	.7	1.3	.0	19.0	26.7	39.8	72	14	63	13
Oneida............	9.8	3.1	.0	.0	.0	12.9	21.3	32.6	48	26	31	29
Owyhee............	12.7	3.5	.0	.0	.0	16.3	23.6	35.9	60	18	49	16
Payette...........	9.3	1.5	.0	.0	.0	9.3	22.9	33.1	54	24	12	37
Power.............	6.1	.0	10.7	.0	6.7	19.5	30.1	40.9	78	12	65	11

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Shoshone	18,043	10.4	0.0	0.0	0.0	0.0	38.9	14.6	2.1
Teton	3,061	9.8	.0	.0	.0	.0	81.4	8.2	.0
Twin Falls	54,504	5.5	1.3	.0	.2	.0	35.0	11.2	2.6
Valley	6,283	8.7	.0	.0	.0	.0	39.8	18.6	3.5
Washington	8,633	11.2	.0	.0	.0	.0	27.5	13.3	6.5
Illinois	11,483,038	11.4	1.4	.3	.1	.2	16.2	9.4	10.9
Adams	70,730	8.2	.2	.0	.0	.3	24.8	8.9	3.8
Alexander	12,017	5.2	1.9	.0	.0	.0	27.2	5.3	28.8
Bond	16,109	.4	1.8	.0	.0	.0	29.0	6.1	3.5
Boone	28,934	7.6	.0	.7	.0	.0	19.0	11.9	2.1
Brown	5,430	6.5	.0	.0	.0	.0	30.2	19.1	.0
Bureau	38,303	5.2	.6	.6	.0	.0	20.8	9.0	2.7
Calhoun	5,781	7.3	.0	.0	.0	.0	50.4	10.9	.0
Carroll	18,446	3.5	.4	.0	.0	.0	24.8	7.2	2.6
Cass	14,601	3.5	1.7	.0	.0	.0	20.8	12.8	1.0
Champaign	169,643	6.8	1.6	.4	.0	.2	11.6	8.1	5.1
Christian	36,231	5.4	.3	.0	.0	.0	31.0	5.5	1.9
Clark	16,725	3.3	.0	.0	.0	.0	27.2	15.9	.0
Clay	15,392	6.0	.0	.0	.0	.0	17.3	3.6	.0
Clinton	33,179	5.9	1.1	.0	.0	.0	18.1	7.6	2.0
Coles	52,427	5.7	2.1	.2	.0	.0	13.8	11.7	4.0
Cook	5,283,581	15.8	2.0	.4	.1	.2	12.0	8.7	18.1
Crawford	20,853	6.2	.5	.0	.0	.0	29.6	11.4	1.2
Cumberland	10,942	8.4	.0	.0	.0	.0	13.3	8.9	.0
De Kalb	73,984	7.6	1.4	.2	.0	.0	18.3	12.0	1.6
De Witt	17,950	3.9	1.3	.0	.0	.0	29.7	13.2	2.2
Douglas	19,634	5.5	.0	.0	.0	.0	36.9	5.1	1.3
Du Page	681,363	6.6	.3	.3	.0	.0	13.6	9.3	2.0
Edgar	21,503	5.5	.0	.0	.0	.0	32.0	5.8	1.1
Edwards	8,054	8.4	.0	.0	.0	.0	14.8	16.1	.0
Effingham	31,215	4.6	.6	1.7	.0	.0	26.7	10.0	1.2
Fayette	22,159	4.1	.9	.0	.4	.0	28.5	11.1	.0
Ford	15,088	9.7	.0	.0	.0	.0	17.7	9.1	4.6
Franklin	43,035	9.1	.0	.0	.0	.6	27.8	10.5	6.1
Fulton	41,859	6.9	.0	.2	.0	.0	24.0	7.2	4.6
Gallatin	7,666	22.0	.0	.0	.0	.0	30.9	13.0	13.2
Greene	16,342	3.4	.0	.0	.0	.0	36.7	16.0	6.1
Grundy	30,801	10.4	1.4	.0	.0	.0	26.6	6.0	3.4
Hamilton	9,223	5.8	.0	.0	.0	.0	19.1	5.3	4.1
Hancock	23,688	4.7	1.5	1.0	.0	.0	24.0	6.3	3.2
Hardin	5,393	1.7	2.5	.0	.0	.0	16.1	12.1	8.3
Henderson	9,068	7.0	.0	.0	.0	.0	33.4	6.0	.0
Henry	56,946	7.2	1.1	.0	.0	.0	23.1	10.2	2.8
Iroquois	32,710	8.2	.0	.0	.0	.0	32.1	8.4	5.2
Jackson	61,516	7.3	1.8	1.3	.0	.3	19.2	6.1	4.7
Jasper	11,349	9.1	.0	.0	.0	.0	37.1	6.2	.0
Jefferson	37,380	6.9	1.0	.6	.0	.0	23.1	9.3	7.6
Jersey	20,374	3.8	.0	.0	.0	.0	21.4	16.0	2.1
Jo Daviess	23,359	4.4	3.6	.0	.0	.5	20.5	7.8	1.9
Johnson	10,161	2.4	.0	.0	.0	.0	22.1	3.8	4.3
Kane	286,761	11.1	1.0	.0	.2	.0	18.7	13.3	4.8
Kankakee	101,287	7.5	.5	.0	.1	.4	24.2	10.0	9.7
Kendall	36,864	4.9	2.1	.0	.0	.0	24.1	11.4	1.6
Knox	59,639	7.2	.5	.8	.0	.0	19.1	11.2	2.7
Lake	453,107	11.2	.8	.1	.1	.1	18.7	10.1	4.9
La Salle	109,649	8.1	.6	.0	.1	.0	24.3	11.4	1.9

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Shoshone..........	11.9	2.3	3.1	0.0	0.7	17.2	24.5	37.3	64	17	54	15
Teton.............	9.8	9.8	.0	.0	.0	19.6	39.9	55.5	95	3	65	10
Twin Falls........	7.7	4.3	.2	.4	.4	12.2	21.9	31.0	46	27	27	31
Valley............	14.2	.0	.0	.0	.0	14.2	25.6	38.4	68	16	37	24
Washington........	15.0	1.0	.0	.0	.0	16.1	21.9	34.3	54	23	48	17
Illinois............	17.3	3.5	1.2	.2	1.5	23.4	20.5	31.9	-	-	-	-
Adams.............	11.8	1.1	.3	.0	.3	13.6	17.8	27.2	27	40	34	52
Alexander.........	9.8	3.9	.0	1.3	.0	16.9	30.1	41.7	79	5	53	26
Bond..............	4.7	2.5	.0	.0	1.3	8.5	17.0	22.1	14	67	9	93
Boone.............	13.5	1.1	1.6	.0	.0	16.1	15.1	23.7	14	68	48	32
Brown.............	10.4	.0	.0	.0	.0	10.4	19.2	29.2	35	27	17	81
8ureau............	7.3	.6	1.3	.0	.0	9.3	15.2	22.3	11	76	12	89
Calhoun...........	10.4	.0	.0	.0	.0	10.4	26.4	37.7	68	6	17	82
Carroll...........	6.6	.4	2.2	.0	.0	9.2	14.8	21.1	9	81	11	90
Cass..............	3.5	3.5	.0	.0	8.1	16.5	15.0	21.5	9	80	51	28
Champaign.........	11.1	4.5	.7	.1	4.6	20.5	13.9	21.1	7	84	68	14
Christian.........	13.7	2.8	.0	.0	.0	15.9	17.5	25.1	22	46	47	34
Clark.............	8.1	.0	.0	.0	1.4	9.5	16.0	23.4	15	65	13	88
Clay..............	9.7	.9	3.2	.0	.0	13.8	10.4	16.1	1	100	35	50
Clinton...........	8.5	2.4	.6	.0	1.2	12.5	13.6	20.4	6	87	29	60
Coles.............	10.1	4.0	1.5	.3	4.1	19.2	14.7	21.9	10	79	63	17
Cook..............	23.1	4.7	1.2	.2	1.2	30.2	24.5	38.9	67	8	90	3
Crawford..........	8.9	1.2	.0	.0	1.0	11.1	18.3	27.0	28	38	21	75
Cumberland........	14.2	1.1	.0	.0	2.0	17.3	10.8	18.3	2	98	55	22
De Kalb...........	13.3	3.8	2.4	.0	.3	19.5	15.5	23.9	15	64	64	16
De Witt...........	9.3	2.2	1.4	.0	1.2	14.1	19.1	27.1	30	35	37	47
Douglas...........	7.4	3.3	.0	.0	1.3	11.1	19.4	27.5	32	33	21	74
Du Page...........	10.6	1.4	.7	.1	5.0	17.5	12.0	19.0	3	96	56	20
Edgar.............	8.1	3.4	1.1	.0	11.1	23.1	17.4	25.1	22	47	77	10
Edwards...........	13.5	.0	.0	.0	.0	13.5	12.9	21.8	7	85	33	53
Effingham.........	8.2	2.9	1.7	.0	1.4	13.5	17.9	25.2	23	44	33	54
Fayette...........	8.0	1.8	.0	.4	.0	10.3	17.2	24.5	20	51	16	83
Ford..............	10.1	3.5	.7	.0	1.7	16.1	15.4	24.9	17	58	48	31
Franklin..........	14.5	.5	.3	.0	.6	16.5	20.9	31.7	45	13	51	29
Fulton............	12.5	.7	.4	.0	.6	14.1	16.6	25.0	20	52	37	48
Gallatin..........	29.2	2.0	3.4	.0	.0	34.6	30.8	50.6	88	1	94	1
Greene............	6.6	.4	.0	.0	1.5	8.5	22.9	32.6	52	9	9	94
Grundy............	19.3	3.1	2.6	.0	4.1	27.1	19.7	29.9	39	26	86	5
Hamilton..........	10.3	4.1	.0	.0	.0	14.4	13.4	20.2	6	88	39	45
Hancock...........	7.3	3.1	1.0	.0	.0	11.4	17.2	24.0	19	56	22	71
Hardin............	7.1	4.9	.0	.0	.0	12.1	16.2	22.4	13	69	26	64
Henderson.........	10.3	.6	.0	.0	.0	10.9	18.1	26.6	27	41	19	77
Henry.............	10.7	2.5	.0	.0	.4	13.6	17.0	25.7	22	45	34	51
Iroquois..........	9.3	.3	.0	.0	1.6	11.2	21.0	31.2	44	17	21	73
Jackson...........	13.0	2.4	1.3	.0	1.5	16.8	18.0	25.9	25	43	52	27
Jasper............	12.7	.0	.0	.3	1.9	14.9	20.6	30.7	42	19	42	42
Jefferson.........	10.8	4.5	1.5	.0	.5	17.0	19.6	28.7	35	28	53	25
Jersey............	7.1	.0	1.0	.0	.0	8.0	14.7	22.2	10	78	8	97
Jo Daviess........	6.8	5.1	.0	.0	.5	12.5	17.0	23.4	17	57	28	62
Johnson...........	3.8	.0	.0	.0	.0	3.8	13.0	18.1	3	95	1	102
Kane..............	16.9	3.1	.8	.4	2.6	23.1	18.5	29.6	35	29	77	9
Kankakee..........	12.4	2.2	2.0	.4	.9	18.0	20.9	31.0	44	18	58	19
Kendall...........	10.5	4.5	.9	.0	8.3	23.6	17.3	24.8	21	50	79	8
Knox..............	12.3	2.8	2.2	.3	1.4	18.9	15.7	24.1	16	61	62	18
Lake..............	17.5	2.7	.2	.2	.6	20.8	17.8	28.5	30	34	70	12
La Salle..........	13.2	3.3	1.2	.2	7.5	24.2	17.5	26.8	26	42	80	6

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Lawrence..........	18,011	8.2	0.0	0.0	0.0	0.0	23.8	8.6	1.5
Lee...............	35,209	8.5	1.9	.0	.4	.0	27.7	14.7	3.9
Livingston........	40,948	3.3	1.4	.0	.3	.0	20.8	12.8	4.0
Logan.............	31,416	6.6	.5	.7	.0	.0	15.8	10.2	2.7
McDonough.........	36,724	6.8	1.8	.0	.0	.0	17.2	5.2	1.1
McHenry...........	151,674	11.2	.4	.3	.1	.0	27.7	10.1	1.4
McLean............	121,044	6.4	.8	.2	.0	.0	18.6	8.4	2.3
Macon.............	129,906	6.9	.9	.2	.0	.2	18.3	8.7	4.6
Macoupin..........	49,070	7.0	.0	.0	.0	.0	17.8	5.8	.9
Madison...........	248,452	7.4	.4	.2	.2	.2	22.5	11.0	6.6
Marion............	44,003	7.1	.9	.5	.0	.0	29.3	10.8	5.3
Marshall..........	13,940	3.6	.0	.0	.0	.0	19.4	6.6	5.3
Mason.............	18,712	8.6	.0	.0	.0	.0	19.5	6.9	3.5
Massac............	14,948	3.4	.0	1.0	.0	.0	27.5	2.2	3.1
Menard............	11,581	5.7	1.5	.0	.6	.0	27.3	12.2	7.1
Mercer............	19,179	5.0	1.7	.0	.0	.0	32.9	10.0	3.5
Monroe............	20,386	4.2	.0	.0	.0	1.0	34.0	13.8	2.4
Montgomery........	32,000	4.0	.0	.0	.4	.0	23.5	14.7	4.0
Morgan............	37,274	10.1	1.1	.0	.0	.0	15.5	9.5	1.8
Moultrie..........	14,534	4.2	.0	.0	.0	.0	12.9	6.5	.0
Ogle..............	46,002	6.4	.7	.0	.0	.0	36.9	10.3	4.0
Peoria............	195,333	9.4	1.3	.4	.0	.0	9.9	12.8	4.7
Perry.............	21,921	5.7	.5	.0	.0	.0	30.7	7.5	3.1
Piatt.............	16,398	4.2	.0	.0	.0	.5	17.2	12.9	1.6
Pike..............	18,671	1.5	1.4	.0	.3	.0	27.3	9.1	2.6
Pope..............	4,420	4.7	12.5	.0	.0	.0	35.3	17.4	.0
Pulaski...........	8,785	6.4	.0	.0	.0	.0	41.5	11.7	17.5
Putnam............	6,063	4.0	.0	.0	.0	.0	19.0	.0	.0
Randolph..........	35,455	5.3	.7	.6	.0	.0	28.2	11.8	3.4
Richland..........	18,070	4.3	.0	.8	.0	.0	13.8	11.2	6.6
Rock Island.......	165,067	7.5	1.1	.2	.0	.1	15.3	10.1	4.2
St. Clair.........	268,492	9.3	1.0	.6	.2	.1	18.3	8.9	22.5
Saline............	28,449	8.6	.8	.0	.0	.0	25.2	5.5	1.8
Sangamon..........	177,349	9.9	1.5	.3	.2	.0	16.3	11.1	5.9
Schuyler..........	8,132	4.2	.0	.0	.0	.0	25.6	8.5	6.0
Scott.............	6,083	.0	.0	.0	.0	.0	18.5	10.8	3.7
Shelby............	23,675	3.2	.4	.0	.0	.0	30.0	11.5	.9
Stark.............	7,113	1.7	.0	.0	.0	.0	16.7	23.1	.0
Stephenson........	49,524	5.5	.0	.0	.0	.0	17.7	6.9	3.5
Tazewell..........	129,707	4.9	.4	.0	.0	.1	19.9	7.7	1.9
Union.............	17,749	5.6	1.3	.0	.0	.0	50.8	13.5	6.9
Vermilion.........	94,018	7.8	.9	.2	.0	.7	22.9	12.4	3.8
Wabash............	13,912	5.6	2.0	.0	.0	.0	21.1	6.3	2.3
Warren............	21,458	2.1	.6	.0	.0	.0	21.9	16.7	3.1
Washington........	15,294	5.3	.0	1.5	.0	.0	31.9	3.3	.0
Wayne.............	18,416	6.8	.8	.0	.0	.0	31.4	9.6	5.7
White.............	17,935	2.1	.0	.0	.0	.0	37.2	11.4	5.3
Whiteside.........	64,759	7.4	.2	.0	.0	.0	28.1	11.7	1.2
Will..............	327,546	8.3	.9	.3	.0	.4	21.4	10.8	8.0
Williamson........	57,318	6.4	.7	.0	.4	.0	27.5	11.7	6.7
Winnebago.........	249,656	10.1	2.4	1.0	.0	.2	20.1	12.7	5.5
Woodford..........	32,809	4.1	.0	.7	.0	.0	30.1	8.4	.0
Indiana.............	5,487,462	8.1	1.4	.2	.1	.1	20.3	10.9	6.4
Adams.............	29,844	4.9	.7	.0	.0	.0	31.8	7.4	.0
Allen.............	291,688	6.4	1.1	.4	.1	.1	20.4	11.4	5.2
Bartholomew.......	64,545	4.0	.5	.3	.0	.0	24.8	9.6	2.4
Benton............	10,087	4.1	.0	.0	.0	.0	31.7	9.6	.0
Blackford.........	15,312	9.6	1.4	.0	.0	1.5	23.4	16.7	6.0

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Lawrence..........	11.7	3.2	0.0	0.0	0.0	14.9	15.8	24.5	17	59	42	44
Lee...............	12.1	4.6	.0	.4	.6	16.0	22.1	32.9	51	11	48	33
Livingston........	9.2	3.0	.5	.3	2.0	14.3	16.3	23.2	15	63	39	46
Logan.............	10.4	1.1	1.3	.0	.0	12.9	13.8	21.3	7	83	31	59
McDonough.........	10.0	3.0	.0	.0	.0	13.0	13.4	20.0	5	89	31	57
McHenry...........	16.5	2.6	2.3	.3	.3	21.3	19.7	30.7	41	24	72	11
McLean............	9.4	1.9	.8	.0	.7	12.5	14.3	21.6	8	82	29	61
Macon.............	10.0	2.2	.4	.0	.4	12.9	15.6	23.6	15	66	31	58
Macoupin..........	11.2	.5	.5	.0	.0	11.7	12.0	18.9	3	97	24	68
Madison...........	10.6	1.8	1.3	.2	.9	13.9	18.7	28.2	32	32	36	49
Marion............	13.4	3.0	3.2	.0	13.2	31.2	21.3	31.1	44	15	91	2
Marshall..........	6.1	.8	.0	.0	.0	6.9	13.5	19.6	5	91	5	99
Mason.............	13.1	1.5	.0	.0	1.3	15.8	14.7	23.3	12	72	47	35
Massac............	11.0	.6	1.9	.0	1.6	15.1	15.8	21.6	11	77	43	40
Menard............	7.1	1.5	.0	.6	2.2	11.4	21.6	31.0	45	14	22	70
Mercer............	5.8	1.7	.0	.4	.0	8.0	21.3	29.9	42	20	8	96
Monroe............	9.9	.0	2.3	.0	1.0	13.3	20.9	29.6	41	23	32	56
Montgomery........	6.0	2.2	.0	.4	2.4	11.1	16.7	24.7	19	54	21	76
Morgan............	14.6	2.5	.0	.0	.0	17.1	14.5	23.6	12	71	54	24
Moultrie..........	7.5	1.1	.0	.0	.0	8.5	8.4	13.2	0	102	9	92
Ogle..............	10.8	2.4	.5	.0	.0	13.3	22.7	32.7	52	10	33	55
Peoria............	12.5	2.1	.7	.1	2.8	17.3	14.5	23.6	12	70	55	21
Perry.............	6.7	.5	.0	.0	2.8	10.1	18.7	27.0	29	37	15	86
Piatt.............	11.2	1.0	1.2	.0	3.5	15.5	12.8	19.4	4	92	45	37
Pike..............	3.1	5.2	.0	.3	.0	8.3	16.9	22.7	15	62	9	95
Pope..............	4.7	12.5	.0	.0	.0	17.1	32.7	42.0	82	2	54	23
Pulaski...........	8.5	1.1	.6	.0	.0	10.2	30.7	43.7	82	3	16	84
Putnam............	15.5	.0	.0	.0	.0	15.5	9.6	13.8	0	101	45	38
Randolph..........	7.7	1.1	1.3	.0	.6	10.0	19.4	27.9	33	30	15	87
Richland..........	9.0	.8	.8	.0	.0	10.6	13.7	20.6	6	86	18	80
Rock Island.......	11.9	1.7	.5	.1	.8	14.9	14.9	23.1	12	73	42	43
St. Clair.........	15.2	2.8	1.4	.4	.5	19.5	25.8	38.1	68	7	64	15
Saline............	10.3	6.0	.0	.0	.0	16.3	16.8	25.5	21	49	50	30
Sangamon..........	15.8	3.1	.5	.2	1.0	20.5	17.9	27.9	30	36	69	13
Schuyler..........	4.2	1.3	.0	.0	6.1	11.5	17.0	24.6	19	53	23	69
Scott.............	2.4	2.4	.0	.0	.0	4.8	11.7	16.2	2	99	2	101
Shelby............	4.9	.7	.0	.0	2.0	7.2	17.1	24.2	19	55	6	98
Stark.............	5.5	.0	.0	.0	.0	5.5	12.3	19.0	4	94	2	100
Stephenson........	8.4	.7	.3	.0	1.2	10.7	12.7	19.4	4	93	18	79
Tazewell..........	7.8	1.0	.1	.0	1.4	10.2	13.4	19.9	5	90	16	85
Union.............	9.4	2.6	2.9	.0	.0	14.9	30.8	42.9	81	4	42	41
Vermilion.........	11.7	1.8	.4	.0	2.0	15.6	18.8	28.3	33	31	46	36
Wabash............	10.0	2.0	.0	.0	.0	11.9	15.4	22.2	11	75	25	66
Warren............	6.3	1.7	1.1	.0	.0	9.1	15.4	22.3	12	74	11	91
Washington........	9.9	.9	1.5	.0	.0	12.3	17.7	24.7	22	48	28	63
Wayne.............	9.5	.8	1.4	.0	.0	11.7	21.3	31.0	44	16	24	67
White.............	6.7	2.0	.0	.0	2.0	10.7	21.3	29.3	41	22	18	78
Whiteside.........	11.2	1.7	1.6	.2	2.0	15.5	18.0	27.3	28	39	45	39
Will..............	16.3	3.4	7.8	.0	1.2	28.5	19.9	29.9	39	25	88	4
Williamson........	10.0	1.9	.0	.4	.0	11.9	20.7	30.3	42	21	25	65
Winnebago.........	15.1	5.9	3.5	.1	.4	24.0	21.3	32.0	47	12	80	7
Woodford..........	8.4	.9	2.0	.0	.0	11.2	16.7	23.6	17	60	21	72
Indiana.............	11.7	3.8	1.2	.2	1.0	17.4	18.7	28.3	-	-	-	-
Adams.............	9.0	2.3	.0	.0	.7	11.3	17.5	24.9	22	55	22	64
Allen.............	8.9	5.0	.8	.2	1.3	16.0	17.7	26.2	25	44	48	24
Bartholomew.......	7.1	2.2	4.8	.0	.6	14.4	15.9	22.8	14	72	39	35
Benton............	10.3	.0	.0	.0	.0	10.3	16.9	24.2	19	63	16	76
Blackford.........	16.8	7.2	1.0	.0	1.5	25.7	22.8	34.4	56	7	83	3

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Boone	37,190	2.4	1.1	0.0	0.0	0.0	12.4	10.9	2.9
Brown	12,299	2.7	1.1	.0	.0	.0	36.9	13.0	3.6
Carroll	19,483	4.3	.0	.0	.0	.0	28.1	10.2	2.1
Cass	40,375	7.8	1.3	.0	.0	.0	32.4	10.0	7.0
Clark	89,185	9.6	2.6	.2	.2	.0	19.4	11.0	5.7
Clay	24,745	4.8	.6	.0	.3	.0	33.0	16.1	1.6
Clinton	31,388	8.5	.7	1.3	.0	.0	20.8	11.5	1.5
Crawford	9,915	8.3	3.0	.0	.0	.0	26.0	15.6	13.0
Daviess	28,281	7.0	.5	.0	.0	.0	24.5	8.1	.3
Dearborn	35,388	12.7	1.2	.5	.0	.6	20.1	10.0	1.8
Decatur	23,823	5.7	.6	.0	.0	.0	17.0	7.4	2.0
De Kalb	33,280	4.8	2.4	.0	.0	.0	29.6	7.4	2.0
Delaware	125,462	9.6	.8	.6	.0	.0	16.4	11.7	6.8
Dubois	34,817	10.3	.7	.6	.0	.0	32.7	11.3	.0
Elkhart	140,207	5.3	1.4	.2	.0	.1	23.5	9.0	3.7
Fayette	27,985	7.1	1.3	.8	.8	.0	24.0	15.3	.8
Floyd	61,996	8.8	1.4	.0	.0	.3	15.5	14.0	6.6
Fountain	18,989	5.2	.6	.0	.0	.0	24.8	8.4	4.6
Franklin	19,966	5.2	.0	.0	.0	.0	19.1	10.6	2.2
Fulton	19,032	10.8	.0	.2	.0	.0	22.6	11.4	.0
Gibson	33,639	5.8	.6	.0	.0	.0	29.0	8.5	.5
Grant	78,959	6.8	1.8	.0	.1	.0	22.0	11.5	5.9
Greene	30,465	5.6	.0	.0	.0	.0	28.0	7.1	6.5
Hamilton	85,664	5.6	.0	.3	.0	.0	17.4	7.4	1.8
Hancock	44,039	5.6	.7	.0	.0	.0	21.2	6.8	2.6
Harrison	27,921	3.7	1.6	.0	.6	.0	26.7	10.0	1.5
Hendricks	71,162	3.6	.9	.0	.3	.3	20.2	13.8	2.0
Henry	51,794	6.3	.0	.0	.0	.0	28.6	16.1	6.2
Howard	85,919	8.4	1.5	.2	.1	.0	21.8	10.3	3.4
Huntington	35,221	3.2	1.0	.0	.0	.0	25.3	7.6	1.6
Jackson	36,853	5.9	.7	.0	.0	.0	26.2	10.1	3.6
Jasper	26,342	6.5	.7	.0	.0	.0	23.1	5.4	1.8
Jay	22,675	2.8	.0	.0	.0	.0	27.5	13.2	2.0
Jefferson	30,328	8.8	1.1	.0	.4	.0	18.7	9.3	4.0
Jennings	22,789	8.1	.5	.9	.0	.0	25.9	13.2	1.8
Johnson	79,196	5.9	1.4	.0	.3	.0	14.9	13.2	2.2
Knox	42,036	5.9	1.9	.6	.0	.0	18.3	7.0	2.5
Kosciusko	60,691	5.8	.8	.3	.0	.0	27.2	8.7	2.2
Lagrange	26,513	5.6	.2	.0	.0	.0	34.8	10.2	3.2
Lake	512,019	14.0	.4	.2	.0	.0	17.9	8.9	21.0
La Porte	107,759	10.3	1.5	.0	.0	.0	25.6	11.6	4.5
Lawrence	42,229	7.9	1.3	.0	.0	.0	20.7	10.1	.6
Madison	135,966	9.0	1.5	.2	.2	.2	23.6	12.9	3.3
Marion	772,798	10.7	4.1	.4	.1	.0	16.1	12.7	11.1
Marshall	39,943	5.2	1.0	.0	.0	.0	26.6	4.6	3.2
Martin	11,034	4.1	.0	.0	.0	.0	24.4	21.0	4.0
Miami	38,696	6.3	1.8	.0	.0	.0	23.3	12.2	5.7
Monroe	100,108	7.0	1.1	.0	.0	.0	13.7	13.3	2.7
Montgomery	35,520	6.1	.7	.0	.0	.0	17.8	11.9	1.8
Morgan	52,867	8.7	1.2	.4	.0	.0	16.5	13.1	3.6
Newton	14,354	8.0	.0	.0	.0	.0	33.8	10.8	3.0
Noble	35,858	6.2	.0	.0	.0	.0	20.9	12.4	3.0
Ohio	5,254	4.8	.0	.0	.0	.0	26.1	4.8	4.2
Orange	18,820	6.5	.0	.0	.0	.0	30.4	8.2	4.8
Owen	16,201	2.1	.0	.0	.0	.0	25.5	10.1	.7
Parke	16,299	4.8	.0	.0	.0	.0	29.3	12.8	1.4
Perry	19,298	9.6	1.3	.0	.0	.0	21.0	18.4	2.4
Pike	13,344	7.5	1.7	.0	.0	1.6	29.4	6.8	1.6
Porter	121,364	6.4	.8	.2	.0	.0	22.9	11.4	2.5
Posey	26,264	7.2	1.3	.0	.0	.0	18.9	10.4	3.6

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Boone	3.9	2.4	2.3	0.0	0.5	9.1	10.9	15.9	1	92	11	82
Brown	4.8	6.5	1.8	.9	.0	14.0	22.0	30.4	44	15	37	40
Carroll	5.6	.0	.0	.0	1.0	6.8	16.5	24.0	18	64	5	90
Cass	11.7	2.3	.5	.0	.0	13.8	23.4	34.1	56	6	35	42
Clark	13.6	5.2	.3	.2	.0	18.5	20.0	30.1	40	21	60	12
Clay	8.0	1.3	1.0	.3	.0	10.4	20.7	29.9	41	18	16	74
Clinton	11.3	1.7	1.3	.0	.7	14.5	17.2	26.3	24	46	39	34
Crawford	12.5	5.1	.0	.0	.0	16.4	26.6	38.9	70	2	50	22
Daviess	8.6	1.1	.0	.0	.0	9.6	15.4	23.3	13	73	13	80
Dearborn	16.7	3.2	1.0	.0	.6	21.4	18.7	29.8	36	26	72	6
Decatur	7.8	.6	.6	.0	.9	9.9	12.5	19.0	4	88	14	78
De Kalb	9.6	4.3	.0	.0	.7	14.6	19.3	26.7	30	36	40	32
Delaware	13.4	3.1	1.8	.2	.7	18.6	17.7	27.8	29	39	61	11
Dubois	18.9	7.9	1.1	.7	.0	29.2	21.5	32.5	48	9	89	1
Elkhart	8.4	3.4	1.1	.4	1.0	13.8	17.3	25.0	21	56	36	41
Fayette	12.3	2.7	2.5	.8	.8	17.5	19.4	28.6	35	27	56	18
Floyd	13.1	3.2	.6	.0	2.1	18.0	17.8	27.8	29	38	58	14
Fountain	10.5	1.2	1.2	.0	1.2	15.3	17.0	24.8	20	61	44	27
Franklin	7.7	1.5	2.2	.0	.0	11.4	13.3	20.4	6	86	22	62
Fulton	11.0	1.3	.2	1.2	.0	13.7	16.4	26.7	23	50	35	43
Gibson	9.1	1.7	.4	.0	.7	11.5	17.1	24.9	21	60	23	61
Grant	10.6	4.2	1.7	.5	.0	17.1	19.0	28.1	33	34	54	19
Greene	9.1	1.3	.7	.0	.0	11.1	18.6	27.0	29	40	20	68
Hamilton	7.1	.5	.5	.0	.2	8.6	12.2	18.7	3	89	10	84
Hancock	7.5	3.3	1.6	.0	1.1	12.4	14.5	21.5	9	81	28	53
Harrison	6.4	5.3	.0	.6	.0	12.2	17.6	24.5	21	57	27	54
Hendricks	6.3	3.1	.9	.3	1.2	11.2	15.2	22.1	11	78	21	67
Henry	7.9	1.9	.4	.0	.4	10.4	20.7	31.1	43	16	16	75
Howard	12.7	2.6	1.0	.1	3.0	18.7	18.2	27.4	29	37	61	10
Huntington	6.3	1.0	.0	.0	1.0	8.9	15.1	21.2	9	80	10	83
Jackson	9.9	1.5	1.0	.5	.0	12.5	17.9	26.3	26	43	29	52
Jasper	8.1	3.5	.0	.0	.0	11.5	15.1	22.4	11	77	23	60
Jay	4.9	.0	.0	.5	1.0	6.4	16.3	23.5	16	69	4	91
Jefferson	10.9	2.6	.7	.4	.0	15.0	16.7	25.8	22	53	43	29
Jennings	12.2	2.6	.9	.0	.0	14.7	19.0	28.8	34	28	41	30
Johnson	8.8	3.2	1.5	.3	.5	14.1	14.0	21.5	8	82	37	39
Knox	9.9	3.1	1.7	.5	.0	14.3	15.2	22.0	10	79	38	38
Kosciusko	8.1	3.2	.6	.0	.7	12.7	17.7	25.7	24	48	30	49
Lagrange	6.3	.8	.8	.6	1.0	9.6	20.7	29.8	41	19	13	81
Lake	21.3	1.3	.5	.0	1.6	24.8	25.5	40.1	71	1	81	4
La Porte	14.3	3.2	.6	.0	.2	18.1	20.9	32.0	46	13	59	13
Lawrence	12.3	3.1	1.1	.0	.0	16.0	15.5	23.9	15	71	48	23
Madison	10.6	2.7	.4	.3	.5	14.5	19.8	30.0	39	22	39	33
Marion	14.9	9.8	2.9	.4	1.5	27.9	23.4	35.0	58	5	87	2
Marshall	6.5	1.8	.8	.2	1.1	10.4	16.7	23.8	17	65	16	73
Martin	11.2	.0	.0	.0	.0	11.2	18.0	27.2	28	42	21	66
Miami	9.4	2.7	.5	.5	.5	13.5	19.3	28.3	34	31	34	45
Monroe	9.3	3.6	.1	.0	.6	13.7	13.7	21.7	7	84	35	44
Montgomery	8.6	2.2	.5	.0	.7	12.5	13.9	21.5	7	83	29	50
Morgan	10.2	4.1	1.2	.0	.4	15.6	16.4	25.7	21	58	46	26
Newton	11.2	1.2	2.6	.0	1.4	15.0	21.0	31.4	45	14	43	28
Noble	7.7	1.0	1.5	.7	1.8	12.2	15.2	23.4	13	74	27	55
Ohio	8.0	.0	.0	.0	.0	8.0	15.8	22.8	13	75	8	86
Orange	8.5	.0	1.2	.0	.8	10.6	19.3	28.4	34	29	17	72
Owen	5.2	5.4	.0	.0	.7	11.4	13.9	19.7	6	85	22	63
Parke	5.7	1.6	.0	.0	.0	7.3	17.5	25.7	23	49	6	89
Perry	13.0	4.6	.0	.0	.0	17.6	18.8	29.9	36	25	56	16
Pike	8.8	1.7	.0	.0	1.6	12.0	20.8	29.5	40	20	26	58
Porter	10.2	1.6	.6	.2	.2	12.5	16.7	25.0	20	62	29	51
Posey	10.2	2.7	2.1	.0	.0	14.3	15.9	24.3	17	67	39	36

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Pulaski...........	13,291	8.0	0.0	0.0	0.0	0.0	38.2	4.8	0.9
Putnam............	29,433	4.1	.0	.0	.0	.0	16.3	10.7	.6
Randolph..........	29,093	4.9	.8	.0	.0	.8	26.1	8.6	3.1
Ripley............	24,801	7.8	.0	.0	.0	.0	25.0	4.8	2.6
Rush..............	19,216	5.6	1.3	1.2	.0	.0	31.9	13.4	2.5
St. Joseph........	240,930	8.5	1.1	.1	.0	.0	15.4	9.8	7.5
Scott.............	20,467	2.7	3.0	.0	.0	.0	33.7	14.8	8.3
Shelby............	39,828	13.2	1.3	.0	.0	.0	23.0	15.4	2.1
Spencer...........	19,905	4.0	1.6	1.2	.0	.0	29.1	7.5	4.0
Starke............	21,493	7.7	.8	.0	.0	.0	46.1	9.0	2.4
Steuben...........	25,027	7.1	1.7	.0	.0	1.7	26.3	9.1	.9
Sullivan..........	20,856	5.2	1.2	.0	.0	.0	24.8	15.0	4.7
Switzerland.......	7,223	6.3	.0	.0	.0	.0	23.0	15.8	.0
Tippecanoe........	123,320	7.4	1.2	.0	.0	.0	12.5	11.6	2.3
Tipton............	16,449	2.3	.0	.0	.0	.0	26.7	14.1	1.4
Union.............	6,895	2.4	6.8	.0	.0	.0	28.2	10.1	.0
Vanderburgh.......	167,539	7.1	1.1	.2	.0	.0	14.0	12.7	6.9
Vermillion........	17,936	9.5	.0	.0	.9	.0	29.4	13.2	2.6
Vigo..............	111,023	9.5	.9	.0	.0	.0	19.6	13.1	5.8
Wabash............	35,703	5.4	.7	.0	.0	.0	28.7	9.6	1.8
Warren............	8,861	9.1	.0	.0	.0	.0	28.6	4.3	.0
Warrick...........	43,235	8.0	.6	.0	.6	.0	23.5	8.8	1.7
Washington........	22,034	6.7	.4	.0	.0	.0	31.1	9.7	4.1
Wayne.............	74,660	7.0	.5	.3	.0	.6	21.9	9.1	5.1
Wells.............	24,962	3.3	.0	.0	.0	.0	19.5	10.2	.9
White.............	23,570	6.5	1.5	.0	.0	.0	37.4	12.6	.8
Whitley...........	26,234	3.7	.5	.0	.0	.0	31.7	7.7	4.2
Iowa................	2,904,354	6.2	1.0	.3	.1	.0	19.6	10.7	2.4
Adair.............	9,320	4.0	1.6	.0	.0	.0	26.4	6.5	.0
Adams.............	5,631	5.6	4.1	.0	.0	.0	11.2	9.8	4.3
Allamakee.........	15,310	6.2	.8	.7	.0	.0	32.8	14.3	1.5
Appanoose.........	15,061	4.7	1.5	.0	.0	.0	16.3	14.2	2.7
Audubon...........	8,452	2.8	1.1	.0	.0	.0	40.9	6.3	.0
8enton............	23,310	3.9	.5	.0	.0	.0	28.4	8.0	.9
8lack Hawk........	135,476	5.8	1.4	.7	.0	.0	14.8	10.9	2.8
8oone.............	26,075	4.4	1.2	.0	.0	.0	17.2	12.0	4.2
8remer............	24,631	6.3	.8	.0	.0	.0	17.6	10.7	.0
Buchanan..........	22,946	4.8	1.0	.0	.0	.0	21.3	12.4	.9
8uena Vista.......	20,778	6.2	.8	.0	.0	.0	19.6	12.2	2.4
Butler............	17,464	5.6	.0	.0	.0	.0	22.7	7.3	6.3
Calhoun...........	13,166	2.8	1.8	.0	1.8	.0	35.2	5.6	.0
Carroll...........	22,901	5.2	1.2	.0	.0	.0	20.7	8.1	2.0
Cass..............	16,960	7.4	.0	.0	.6	.0	27.8	8.6	1.3
Cedar.............	18,808	2.4	.0	.0	.0	.0	21.8	10.1	.0
Cerro Gordo.......	48,619	6.9	.7	.3	.2	.0	14.9	9.5	.7
Cherokee..........	16,012	5.6	1.6	.0	.0	.0	25.9	6.9	1.3
Chickasaw.........	15,392	4.5	3.3	1.7	.0	.0	24.2	6.5	.0
Clarke............	8,649	4.0	.0	.0	.0	.0	14.2	3.0	.0
Clay..............	19,306	1.8	.4	.0	.0	.0	22.4	10.1	.0
Clayton...........	21,203	8.7	.0	.0	.0	.0	32.4	11.0	.0
Clinton...........	56,285	6.4	.3	.3	.0	.0	17.2	10.7	1.6
Crawford..........	19,178	3.7	.9	.0	.0	.0	30.1	14.1	.0
Dallas............	29,606	8.3	.7	.8	.0	.0	22.2	10.9	.8
Davis.............	9,106	.0	2.6	.0	.0	.0	27.3	9.0	2.8
Decatur...........	9,457	1.7	.0	.0	1.8	.0	26.4	5.1	2.0
Delaware..........	19,079	4.0	.9	.0	.0	.0	23.8	11.0	.0
Des Moines........	45,481	8.2	.8	.0	.2	.0	20.8	9.4	3.7
Dickinson.........	15,548	8.3	.0	.0	.0	.0	16.5	9.9	.0

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirr-hosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates: Mini-mum	Range of Rates: Maxi-mum	Rank in U.S. (Per-centile)	Rank in State	Rank in U.S. (Per-centile)	Rank in State
Pulaski	9.8	0.0	0.0	0.0	0.0	9.8	20.7	30.2	41	17	14	79
Putnam	7.0	1.5	.0	.0	.0	8.5	11.0	16.9	2	91	9	85
Randolph	7.4	1.5	1.6	.0	1.6	12.1	17.7	25.2	23	51	26	57
Ripley	10.6	1.5	.9	.0	.9	13.0	15.9	24.1	16	68	31	48
Rush	8.9	4.6	1.2	.0	.0	14.7	22.0	31.3	47	11	40	31
St. Joseph	11.3	4.5	2.1	.2	1.5	19.4	16.7	26.0	22	52	64	8
Scott	6.9	3.7	.0	.0	.0	10.6	25.1	34.2	60	4	18	71
Shelby	16.0	4.5	3.8	.0	.5	23.8	20.4	33.0	47	10	79	5
Spencer	4.7	3.2	1.2	.0	.0	7.4	19.9	27.3	33	33	7	88
Starke	13.8	3.1	.0	.0	.0	16.9	26.2	37.4	68	3	53	20
Steuben	10.4	8.3	.0	.0	1.7	20.4	19.6	28.0	34	30	68	7
Sullivan	5.5	1.7	.5	.7	1.7	10.1	18.9	27.8	32	35	15	77
Switzerland	10.1	3.0	.0	.0	.0	13.1	15.4	24.0	15	70	31	47
Tippecanoe	11.1	2.7	.4	.0	4.0	17.7	12.9	20.6	5	87	57	15
Tipton	3.8	.0	.0	.0	.0	3.8	15.6	22.4	12	76	1	92
Union	6.5	9.2	3.1	.0	.0	18.9	21.7	27.8	38	24	62	9
Vanderburgh	10.5	2.8	.5	.0	.2	13.4	15.8	24.5	17	66	33	46
Vermillion	11.2	2.2	.0	1.8	.0	14.3	21.0	32.1	46	12	38	37
Vigo	13.1	3.2	.2	.0	.0	16.7	18.4	28.9	33	32	52	21
Wabash	9.0	.7	.0	.5	.0	10.8	17.7	25.7	24	47	18	70
Warren	10.8	.0	.0	.0	.0	10.8	16.6	25.4	21	59	19	69
Warrick	10.2	3.7	1.9	1.2	.0	15.8	16.9	25.6	22	54	47	25
Washington	8.9	2.2	1.1	.0	.0	12.2	20.1	29.5	39	23	27	56
Wayne	9.4	4.1	2.3	.0	3.3	17.5	17.6	26.2	25	45	56	17
Wells	7.1	3.2	1.5	.0	.0	11.8	12.0	17.9	3	90	24	59
White	8.8	1.5	.9	.0	.0	11.2	22.8	32.7	53	8	21	65
Whitley	5.6	.5	.8	.9	.0	7.8	18.9	26.4	28	41	8	87
Iowa	9.2	3.2	1.1	.2	.8	13.9	15.5	23.2	-	-	-	-
Adair	7.3	1.6	.0	2.3	5.8	17.0	15.6	21.7	11	57	53	20
Adams	5.6	4.1	.0	.0	.0	9.7	15.1	21.7	10	59	13	66
Allamakee	6.9	3.8	1.4	.7	1.5	13.5	21.4	31.0	44	11	34	39
Appanoose	11.0	1.5	.0	.0	2.5	13.5	14.4	21.6	9	66	33	40
Audubon	6.3	6.4	1.8	.0	.0	14.5	20.7	27.8	36	18	39	31
Benton	5.4	1.7	.0	.0	1.0	8.1	16.0	22.7	13	52	8	79
Black Hawk	9.4	5.3	2.3	.0	.6	17.2	14.1	21.2	7	73	55	18
Boone	12.0	2.1	.0	.0	1.8	16.0	14.7	21.7	9	63	48	24
Bremer	7.6	1.5	.0	.0	.9	9.3	12.9	20.1	5	82	12	72
Buchanan	7.6	1.0	1.0	.0	1.0	9.6	14.8	22.0	10	60	13	67
Buena Vista	10.0	1.6	1.0	.3	.0	12.1	15.2	23.2	13	54	27	46
Butler	7.7	3.0	.0	.0	.0	10.7	16.3	24.1	17	46	18	57
Calhoun	6.8	4.3	2.3	1.8	2.0	13.6	20.7	27.0	34	20	34	38
Carroll	8.8	3.3	2.0	.0	5.2	15.1	14.6	21.4	9	65	43	28
Cass	8.4	2.1	.0	.6	.0	10.4	17.6	26.3	25	26	17	59
Cedar	2.8	.0	.0	.0	.0	2.8	12.2	17.6	3	91	0	98
Cerro Gordo	9.7	3.9	.7	.7	4.5	17.9	12.6	19.6	4	84	58	14
Cherokee	6.9	4.6	1.3	.0	1.3	13.2	16.7	24.0	18	44	32	43
Chickasaw	7.0	6.0	3.5	.0	.0	15.4	18.4	24.6	23	33	45	26
Clarke	5.4	.0	1.7	.0	.0	7.1	8.2	12.4	0	99	6	84
Clay	2.8	1.4	1.0	.0	1.1	6.3	12.5	17.7	3	89	4	87
Clayton	14.4	2.2	1.7	.0	.0	18.2	19.4	29.5	37	16	59	11
Clinton	11.1	1.6	.3	.3	.8	13.8	13.3	20.7	6	77	35	35
Crawford	5.6	3.0	1.2	.0	.0	9.8	17.8	25.5	24	30	14	64
Dallas	12.1	6.6	4.9	.0	.0	22.9	16.9	25.8	22	34	77	2
Davis	3.3	8.3	.0	.0	4.5	11.5	17.2	22.2	15	51	23	52
Decatur	5.6	1.8	.0	1.8	.0	7.4	15.5	20.5	9	67	6	81
Delaware	9.1	3.0	.9	.0	1.1	14.1	14.7	21.4	9	64	37	33
Des Moines	12.7	3.4	.5	.2	.5	17.3	16.6	25.6	21	37	55	17
Dickinson	9.3	7.2	.0	.0	.0	16.5	12.3	20.3	5	83	51	22

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Dubuque	92,691	9.0	1.5	0.0	0.3	0.2	17.8	8.7	1.5
Emmet	12,946	3.6	2.9	1.6	.0	.0	28.8	15.3	3.2
Fayette	24,949	4.3	1.0	.0	.0	.0	17.8	7.5	.0
Floyd	19,369	3.8	.6	.0	.7	.0	23.8	6.4	.0
Franklin	12,834	2.4	.0	.0	.0	.0	19.3	6.3	3.9
Fremont	9,288	3.5	.0	2.6	.0	.0	31.6	6.9	7.3
Greene	11,891	3.3	.0	.0	.0	.0	37.4	16.9	.0
Grundy	14,016	3.9	.0	.0	.0	.0	15.8	13.1	.0
Guthrie	11,669	11.8	.0	.0	.0	.0	30.5	14.0	.0
Hamilton	17,637	3.6	.0	.0	.0	.0	20.7	6.6	1.5
Hancock	13,708	5.5	.0	.0	.0	.0	18.4	7.6	3.7
Hardin	21,678	3.4	.0	1.0	.0	.0	22.9	9.6	.0
Harrison	16,247	7.0	.0	.0	.0	.0	33.7	4.9	1.9
Henry	18,664	2.9	.0	.0	.0	.0	16.0	18.7	8.9
Howard	11,053	7.4	5.2	.0	.8	.0	32.6	8.9	3.6
Humboldt	12,122	5.1	1.7	.0	.0	.0	18.1	13.8	.0
Ida	8,938	5.7	1.1	.0	.0	.0	23.1	13.6	.0
Iowa	15,351	4.5	.0	1.5	.0	.0	23.6	5.4	.0
Jackson	22,449	6.0	.9	.0	.0	.0	31.8	12.7	4.9
Jasper	36,157	8.0	.5	.0	.0	.4	19.6	10.4	3.2
Jefferson	16,369	2.3	1.0	.0	.0	.0	25.0	8.7	1.6
Johnson	83,653	4.1	.7	.0	.0	.0	12.9	10.2	2.2
Jones	20,337	3.5	.9	.0	.0	.0	28.2	10.9	1.1
Keokuk	12,753	5.2	.7	.0	.0	.0	64.0	11.1	.0
Kossuth	21,516	5.5	.7	.0	.0	.0	22.3	8.0	.9
Lee	42,518	7.4	.8	.0	.0	.0	25.5	13.8	3.7
Linn	168,715	6.9	.8	.2	.3	.0	12.5	8.8	2.6
Louisa	12,102	4.4	.0	.0	.0	.0	18.9	13.6	.0
Lucas	10,230	3.2	.9	.0	.0	.0	30.5	12.1	3.1
Lyon	12,820	.9	.0	.0	.0	.0	31.7	19.6	.0
Madison	12,542	1.4	.5	1.4	.0	1.7	21.5	7.8	3.2
Mahaska	22,671	2.9	1.4	2.1	.0	.0	24.9	11.3	1.9
Marion	29,700	5.2	2.5	.0	.0	.0	16.6	13.4	1.5
Marshall	41,569	8.0	1.4	.5	.6	.0	21.5	11.7	1.0
Mills	13,482	2.8	.0	1.0	.0	.0	20.6	6.0	.0
Mitchell	12,082	6.1	1.3	.0	.0	.0	23.6	15.8	.0
Monona	11,518	7.0	2.0	.0	.0	.0	31.1	7.1	.0
Monroe	9,083	5.7	.0	.0	.0	.0	53.6	11.0	9.8
Montgomery	13,268	7.2	.0	.0	.0	.0	13.8	13.3	.0
Muscatine	41,197	7.8	2.2	.0	.0	.0	30.1	9.0	4.0
O'Brien	16,826	6.6	.0	1.4	.0	.0	24.3	5.7	2.6
Osceola	8,309	4.5	2.0	.0	.0	.0	19.2	4.9	3.4
Page	18,704	3.5	.5	.7	.0	.0	26.8	5.7	5.4
Palo Alto	12,522	3.2	2.7	4.2	2.2	.0	29.4	4.5	2.0
Plymouth	24,536	4.2	.0	.0	.0	.0	27.4	7.2	.0
Pocahontas	11,272	2.5	.0	.0	.0	.0	22.6	11.4	.0
Polk	308,112	8.9	1.8	.3	.0	.0	16.4	13.1	4.9
Pottawattamie	87,459	7.9	1.6	.5	.0	.0	14.1	12.7	3.5
Poweshiek	19,035	1.2	1.4	.0	.0	.0	22.2	12.6	4.2
Ringgold	5,980	1.6	.0	.0	.0	.0	45.6	8.1	1.4
Sac	13,708	7.2	2.2	.0	.0	.0	31.0	7.4	.7
Scott	159,731	8.5	1.5	.2	.0	.0	15.2	16.0	4.6
Shelby	14,957	3.3	.0	.0	.0	.0	32.3	9.8	.0
Sioux	30,830	2.7	.0	.0	.0	.0	18.9	6.0	.9
Story	72,547	3.7	2.2	.0	.0	.0	9.8	7.7	.8
Tama	19,471	9.5	.0	1.3	.8	.0	34.0	17.5	5.1
Taylor	8,250	3.0	.0	.0	.0	.0	27.8	15.9	9.8
Union	13,733	4.2	.0	.0	.0	.0	18.9	17.1	2.0
Van Buren	8,511	2.9	1.8	.0	.0	.0	17.9	18.9	2.9
Wapello	39,757	5.1	.7	.0	.4	.0	18.6	10.3	1.7

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates Minimum	Range of Rates Maximum	Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
Dubuque	12.9	3.6	4.0	0.3	1.1	20.8	15.6	24.2	16	47	70	6
Emmet	6.0	5.9	1.6	.0	.9	14.5	22.7	31.0	48	6	40	30
Fayette	7.5	3.0	.0	.0	.0	10.1	11.8	17.3	2	93	15	61
Floyd	4.7	4.5	1.3	.7	1.2	11.0	14.1	19.9	6	78	20	54
Franklin	2.4	1.7	2.2	.0	3.4	9.7	12.2	17.3	2	92	14	65
Fremont	7.6	1.5	2.6	.0	2.5	14.2	22.1	29.9	44	12	38	32
Greene	4.8	.0	.0	.0	.0	4.8	20.4	29.2	39	15	2	94
Grundy	7.8	7.5	.0	.0	.0	13.6	10.8	16.9	2	95	34	37
Guthrie	15.9	.8	1.9	.0	.0	18.6	20.4	32.5	46	9	61	8
Hamilton	5.0	.6	1.6	.0	.0	7.2	12.2	17.7	3	90	6	83
Hancock	5.5	.0	.0	.0	.0	5.5	13.2	20.1	5	80	2	91
Hardin	7.1	2.4	3.0	.0	.0	12.4	14.0	20.0	6	79	28	45
Harrison	7.7	1.5	.0	.3	.0	9.5	18.9	27.6	31	22	13	70
Henry	4.0	.9	.0	.0	1.2	6.2	15.9	23.9	16	48	4	88
Howard	8.9	8.3	.0	.8	.0	17.1	26.2	35.9	65	4	54	19
Humboldt	5.1	1.7	2.4	.0	.0	9.2	14.2	21.3	8	72	11	75
Ida	5.7	1.8	3.2	.0	.0	10.6	15.9	23.8	16	49	18	58
Iowa	7.1	3.9	4.4	.0	.0	15.5	14.3	20.2	6	75	45	25
Jackson	9.3	1.6	.0	.0	1.0	12.0	21.6	31.3	46	10	26	49
Jasper	9.8	1.4	1.0	.0	1.1	12.8	16.1	24.8	18	41	30	44
Jefferson	2.8	1.0	1.3	.0	.0	5.1	14.9	20.7	8	71	2	93
Johnson	5.3	1.1	.3	.0	.2	6.9	10.9	16.6	1	96	5	85
Jones	7.5	3.1	2.8	.0	1.1	13.4	16.8	23.8	18	45	33	42
Keokuk	5.2	4.8	.0	.0	.0	8.8	31.9	43.7	83	2	10	77
Kossuth	6.5	.7	1.1	.0	.0	9.6	14.4	21.3	8	70	13	68
Lee	11.0	1.0	.0	.0	.0	12.1	19.0	28.8	34	19	26	48
Linn	10.0	3.8	.7	.4	1.5	15.1	12.4	19.4	4	85	43	29
Louisa	6.5	2.4	.0	.0	.0	8.9	12.5	19.3	4	86	11	76
Lucas	4.6	.9	.0	.0	.0	5.5	18.9	26.6	29	23	2	90
Lyon	2.2	.0	.0	.0	.0	2.2	17.6	24.9	22	35	0	99
Madison	2.7	.5	5.0	.0	1.7	9.9	16.2	21.2	11	56	15	63
Mahaska	5.1	4.0	3.9	.0	1.7	13.9	18.3	24.8	23	32	36	34
Marion	7.5	4.3	.0	.0	.0	10.2	15.0	22.2	10	58	15	60
Marshall	12.7	7.4	.9	.6	.5	21.6	17.6	26.5	25	25	73	4
Mills	4.0	4.6	1.0	.0	.0	9.6	12.0	16.7	2	94	13	69
Mitchell	6.5	5.5	2.2	.0	2.1	16.3	16.8	25.4	21	36	50	23
Monona	8.6	6.6	.0	.0	2.5	17.7	19.4	27.8	33	21	57	15
Monroe	8.2	1.1	.0	.0	.0	9.3	31.7	44.2	83	1	12	73
Montgomery	7.2	.4	.0	.0	.0	7.2	11.4	19.1	3	88	6	82
Muscatine	12.3	4.7	.5	.0	.0	18.0	21.7	31.4	46	8	58	13
O'Brien	7.8	.0	1.4	.0	.0	9.2	16.7	24.4	18	40	12	74
Osceola	7.4	2.0	1.3	.0	3.0	13.7	14.5	20.4	7	74	35	36
Page	5.8	1.6	2.1	.0	1.3	10.9	17.7	24.4	21	38	19	56
Palo Alto	7.2	4.0	6.0	2.2	.0	21.2	24.5	30.6	51	5	71	5
Plymouth	6.1	3.9	1.8	.0	.0	11.9	14.7	21.2	8	68	25	50
Pocahontas	6.0	.0	.0	.0	.0	6.0	12.8	18.6	4	87	3	89
Polk	13.5	4.0	1.0	.1	.4	18.5	17.6	27.3	27	24	60	9
Pottawattamie	10.6	1.6	.7	.0	.5	13.4	15.4	24.0	15	50	33	41
Poweshiek	5.5	2.2	2.2	.0	2.2	12.1	15.7	21.7	11	55	26	47
Ringgold	5.4	.0	.0	.0	.0	5.4	22.1	29.6	43	13	2	92
Sac	10.0	5.2	.0	.0	.0	15.2	19.9	28.6	36	17	44	27
Scott	12.1	3.9	1.1	.0	.2	16.7	17.0	26.8	25	29	51	21
Shelby	4.8	1.5	.0	.0	1.6	7.9	16.9	23.9	18	43	8	80
Sioux	3.9	.4	.0	.0	.0	4.3	10.7	15.4	1	97	1	95
Story	6.3	3.0	1.0	.0	.1	9.9	9.7	14.3	1	98	15	62
Tama	12.1	4.5	5.2	2.2	.0	23.2	26.1	38.7	69	3	78	1
Taylor	3.0	.0	.0	.0	.0	3.0	20.7	29.7	40	14	0	97
Union	4.6	1.9	.0	.0	.0	6.6	14.0	21.6	8	69	5	86
Van Buren	7.7	3.6	.0	.0	.0	9.5	15.7	22.9	13	53	12	71
Wapello	7.6	3.4	.0	.4	.0	11.1	13.8	20.6	6	76	21	53

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Warren............	35,169	5.2	0.7	0.0	0.0	0.0	20.8	12.7	1.2
Washington........	20,167	3.7	1.2	.0	.6	.0	29.8	10.1	1.0
Wayne.............	7,938	1.5	.0	.0	.0	.0	33.3	9.4	3.9
Webster...........	44,810	8.7	.8	.0	.0	.0	33.0	9.7	3.0
Winnebago.........	13,012	4.2	.0	.0	.0	.0	33.9	6.8	.0
Winneshiek........	22,176	8.2	2.1	.0	.0	.0	20.2	11.2	.0
Woodbury..........	100,685	7.1	1.3	.3	.2	.0	16.2	9.8	2.3
Worth.............	9,081	9.4	1.1	.0	.0	.0	12.9	7.0	1.7
Wright............	16,073	10.8	.0	.0	.0	.0	26.1	7.8	.0
Kansas.............	2,407,200	6.6	1.3	.3	.1	.1	22.3	11.3	5.4
Allen.............	15,916	6.8	3.5	1.7	.0	.0	32.6	11.5	1.7
Anderson..........	8,688	3.3	3.2	.0	.0	.0	56.0	8.6	2.8
Atchison..........	18,235	2.5	2.4	1.4	.0	.0	34.0	12.7	7.6
Barber............	6,870	16.8	.0	.0	.0	.0	37.3	11.0	.0
Barton............	32,427	5.7	.0	.0	.0	.0	36.4	17.2	2.7
Bourbon...........	15,827	4.4	.0	1.6	.0	.0	26.5	4.9	4.7
Brown.............	11,756	7.4	2.3	.0	.0	.0	25.6	9.5	4.4
Butler............	46,003	8.3	.4	.5	.5	.0	32.0	11.6	3.8
Chase.............	3,261	.0	.0	.0	.0	.0	46.4	.6	8.6
Chautauqua........	4,988	9.5	.0	.0	.0	.0	20.8	19.1	11.5
Cherokee..........	22,286	8.8	1.1	.0	.0	.0	34.0	7.3	6.3
Cheyenne..........	3,702	12.2	2.6	.0	.0	.0	25.3	35.9	.0
Clark.............	2,674	.0	.0	.0	.0	.0	17.5	17.2	8.3
Clay..............	9,677	9.4	1.5	.0	1.5	.0	34.8	1.4	.0
Cloud.............	12,262	4.7	1.4	.0	.0	.0	34.2	11.8	4.0
Coffey............	9,497	6.7	.0	.0	.0	.0	31.4	11.8	.0
Comanche..........	2,551	.0	.0	.0	.0	.0	23.8	9.7	22.9
Cowley............	36,782	9.3	1.1	.0	.5	.0	22.3	8.1	2.3
Crawford..........	38,050	9.4	2.4	.0	.0	.0	23.8	11.4	7.7
Decatur...........	4,568	5.9	.0	.0	.0	.0	29.9	25.1	.9
Dickinson.........	20,174	4.3	.5	.0	.0	.0	21.8	7.8	2.9
Doniphan..........	9,134	6.1	2.8	.0	.0	.0	14.3	7.9	4.8
Douglas...........	69,106	5.3	.7	.0	.0	.0	13.4	7.9	2.9
Edwards...........	4,203	14.5	5.4	.0	.0	.0	39.5	1.1	5.8
Elk...............	3,821	14.7	9.4	.0	.0	.0	23.4	9.3	3.4
Ellis.............	27,088	7.5	1.9	1.1	1.9	.0	13.6	11.0	2.9
Ellsworth.........	6,523	3.6	2.1	.0	.0	.0	19.3	18.5	.0
Finney............	26,905	13.0	4.6	.0	.8	.0	30.7	10.8	5.3
Ford..............	25,256	9.9	3.0	.0	.7	.0	23.7	17.7	7.7
Franklin..........	22,167	5.8	.5	.0	.0	.0	29.4	9.9	3.1
Geary.............	30,762	9.9	.8	.0	.0	.0	27.3	12.6	8.9
Gove..............	3,687	6.3	.0	.0	.0	.0	60.2	7.1	6.2
Graham............	4,084	8.3	.0	.0	.0	.0	28.7	24.7	6.4
Grant.............	6,853	5.7	.0	.0	.0	.0	15.2	14.6	6.5
Gray..............	5,259	14.7	.0	.0	.0	.0	31.8	5.0	4.6
Greeley...........	1,848	23.0	16.4	.0	.0	.0	13.5	10.7	.0
Greenwood.........	8,705	2.7	3.2	.0	.0	.0	33.4	12.5	3.8
Hamilton..........	2,535	.0	.0	.0	.0	.0	54.9	19.5	3.6
Harper............	7,763	1.6	4.8	.0	.0	.0	43.2	3.0	.0
Harvey............	30,728	6.6	1.0	.0	.0	.0	26.0	4.1	3.5
Haskell...........	3,875	5.6	.0	.0	.0	.0	19.3	.0	.0
Hodgeman..........	2,290	2.7	.0	.0	.0	.0	39.4	.0	.0
Jackson...........	11,651	2.8	.0	.0	.0	.0	46.1	14.9	3.2
Jefferson.........	15,547	.7	1.4	.0	.0	.0	40.1	12.9	6.4
Jewell............	5,075	.0	.0	.0	.0	.0	34.3	4.8	.0
Johnson...........	285,001	4.6	1.0	.4	.1	.1	16.2	12.8	3.5
Kearny............	3,668	8.4	.0	.0	.0	.0	24.5	7.8	.0

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Warren	7.1	1.3	0.0	0.0	0.6	8.3	14.6	22.1	10	62	9	78
Washington	5.6	3.7	1.0	.6	.0	11.0	18.3	25.5	25	28	20	55
Wayne	2.0	1.5	.0	.0	.0	3.5	18.3	25.0	24	31	1	96
Webster	13.4	3.1	.5	.0	.9	17.6	21.6	32.1	48	7	56	16
Winnebago	9.0	.0	1.1	.0	1.6	11.7	17.3	24.5	20	39	24	51
Winneshiek	14.1	5.8	2.5	.0	.0	21.6	16.1	24.7	18	42	73	3
Woodbury	10.3	4.8	.9	.2	2.5	18.2	14.5	22.2	10	61	59	12
Worth	9.6	8.3	.0	.0	3.1	18.3	12.5	20.5	5	81	60	10
Wright	12.4	4.2	1.5	.6	1.6	19.8	16.9	27.0	25	27	66	7
Kansas	9.5	4.0	1.1	.2	.8	15.0	18.7	27.6	-	-	-	-
Allen	10.0	6.5	1.7	.0	1.6	21.5	24.8	34.3	59	24	72	24
Anderson	5.3	5.0	3.3	.0	3.2	13.6	31.1	41.0	79	9	34	56
Atchison	3.2	4.7	3.7	.0	.0	11.5	25.2	33.8	59	25	23	65
Barber	16.8	5.8	.0	.0	.0	22.7	24.8	39.8	69	17	76	19
Barton	8.8	2.6	.0	.0	.0	11.0	22.3	32.8	51	39	20	71
Bourbon	5.5	4.4	1.6	.0	1.5	11.4	17.8	24.7	22	70	22	67
Brown	8.1	9.7	.0	.0	.0	17.8	20.1	29.3	38	54	58	35
Butler	11.5	2.0	.8	.5	.0	13.8	22.3	33.0	52	37	35	54
Chase	3.6	.0	.0	.0	.0	3.6	23.7	30.4	49	43	1	98
Chautauqua	13.6	2.5	.0	.0	.0	13.6	21.9	34.5	54	34	34	55
Cherokee	14.2	4.4	1.1	.0	.0	19.7	23.4	34.2	57	32	65	29
Cheyenne	12.2	15.8	.0	.0	9.2	31.9	25.4	40.9	72	14	92	2
Clark	.0	.0	.0	.0	.0	.0	14.7	20.9	8	88	...	...
Clay	11.8	2.4	2.7	1.5	.0	18.4	21.7	30.9	45	47	60	31
Cloud	6.4	1.4	.0	.0	.0	7.8	21.9	30.9	46	46	7	86
Coffey	6.7	.0	.0	.0	2.5	9.1	18.3	27.4	29	63	11	82
Comanche	.0	.0	.0	.0	.0	.0	22.7	30.8	47	44	...	...
Cowley	12.1	4.9	.3	.5	4.9	22.0	17.4	26.7	25	66	74	22
Crawford	13.1	3.2	.6	.0	.0	16.7	22.2	33.1	52	38	52	41
Decatur	14.2	2.2	.0	.0	.0	16.4	20.4	31.3	43	50	50	46
Dickinson	9.2	5.4	1.1	.0	.0	16.8	14.3	20.8	7	92	53	39
Doniphan	6.1	11.9	5.3	.0	2.5	23.3	15.2	22.2	11	85	78	15
Douglas	7.2	1.9	1.1	.0	.9	11.1	11.5	17.7	2	100	20	70
Edwards	17.1	8.6	.0	.0	.0	28.9	30.9	44.3	82	7	88	5
Elk	16.5	11.2	.0	.0	.0	27.7	28.7	41.3	77	11	87	7
Ellis	11.9	7.2	3.0	1.9	3.1	25.1	17.2	25.2	22	71	82	11
Ellsworth	4.3	2.1	.0	.0	.0	6.4	15.4	22.6	12	83	4	92
Finney	14.5	6.2	.0	.8	.0	21.4	28.3	41.4	76	12	72	25
Ford	15.1	4.4	.0	.7	.8	20.3	24.8	37.1	64	20	68	27
Franklin	6.5	2.7	1.6	.0	.5	10.8	18.7	27.2	30	62	19	72
Geary	14.0	6.8	.8	.0	3.5	22.3	23.0	35.0	57	29	75	20
Gove	6.3	2.7	.0	.0	.0	9.0	32.2	44.5	84	6	11	83
Graham	13.6	8.0	.0	.0	.0	21.6	23.4	36.4	61	22	73	23
Grant	8.3	8.5	.0	.0	.0	16.8	14.7	23.1	12	84	52	40
Gray	14.7	2.6	.0	.0	.0	17.3	22.5	35.6	57	28	55	36
Greeley	23.0	24.6	.0	.0	.0	47.6	33.7	49.4	89	4	98	1
Greenwood	11.6	6.8	.0	3.2	.0	18.4	22.6	30.5	46	45	60	32
Hamilton	10.9	10.9	.0	.0	9.8	31.6	28.7	38.6	73	13	91	3
Harper	2.7	7.0	.0	.0	.0	13.0	24.3	30.4	50	41	31	59
Harvey	8.6	2.4	.0	.0	.0	10.3	17.1	24.9	21	73	16	75
Haskell	5.6	.0	.0	.0	.0	5.6	10.4	15.6	1	103	3	95
Hodgeman	2.7	1.3	.0	.0	.0	4.0	17.6	23.4	18	76	1	97
Jackson	4.5	5.2	1.4	.0	.0	9.7	25.0	34.7	60	23	13	78
Jefferson	3.6	4.5	.0	.0	.0	8.0	24.1	32.1	54	35	8	85
Jewell	.0	.0	.0	.0	.0	.0	15.4	19.9	7	91	...	...
Johnson	6.9	1.8	.9	.1	.1	9.6	14.4	21.4	8	87	13	79
Kearny	8.4	4.7	.0	.0	.0	13.2	15.3	23.9	14	81	32	58

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Kingman...........	9,012	9.4	0.0	0.0	0.0	0.0	40.0	12.5	0.0
Kiowa.............	4,030	.0	5.6	.0	.0	.0	10.4	.0	.0
Labette...........	25,713	6.8	1.0	.4	.0	.0	26.4	13.2	3.0
Lane..............	2,529	5.6	.0	.0	.0	.0	35.5	14.2	.0
Leavenworth.......	56,943	10.2	3.3	.7	.7	.0	15.4	9.6	5.6
Lincoln...........	4,000	8.1	.0	.0	.0	.0	42.6	.3	.0
Linn..............	8,251	2.8	.0	.0	.0	.0	43.7	2.9	.0
Logan.............	3,454	6.4	7.5	.0	.0	.0	33.3	4.6	.0
Lyon..............	36,089	5.5	1.8	.0	.0	.0	24.2	8.0	1.6
McPherson.........	27,305	3.1	.9	.0	.0	.0	17.5	6.8	.0
Marion............	13,457	.9	.6	.0	.0	.0	37.0	7.1	5.8
Marshall..........	12,804	3.9	2.0	.0	.0	.0	27.0	6.2	.0
Meade.............	4,735	7.2	.0	.0	.0	.0	54.0	4.4	5.7
Miami.............	22,007	3.7	.8	.8	.0	.0	38.9	13.8	5.0
Mitchell..........	8,003	7.3	1.1	.0	.0	.0	16.9	3.9	.0
Montgomery........	42,219	9.3	.4	.0	.0	.0	23.8	7.8	6.9
Morris............	6,409	4.2	.0	.0	.0	.0	39.0	4.5	.0
Morton............	3,493	5.7	5.7	.0	.0	.0	81.2	.0	12.1
Nemaha............	11,154	5.5	1.4	.0	.0	.0	14.2	10.3	4.6
Neosho............	19,291	.3	.6	.0	.0	.0	38.5	9.6	1.3
Ness..............	4,581	.0	3.3	.0	.0	.0	27.5	12.5	.0
Norton............	6,609	.0	8.4	.0	.0	2.1	36.3	14.2	.0
Osage.............	15,604	5.6	3.4	.0	.0	.0	31.5	15.6	7.2
Osborne...........	5,793	1.4	.0	5.0	.0	.0	36.7	32.2	.7
Ottawa............	5,933	1.5	1.5	.0	.0	.0	25.7	8.8	.0
Pawnee............	8,163	1.2	2.6	.0	.0	.0	26.6	5.8	.0
Phillips..........	7,370	3.3	.0	.0	3.1	.0	16.4	11.9	3.1
Pottawatomie......	15,327	5.6	.8	.0	.0	.0	24.4	14.4	3.1
Pratt.............	10,698	2.0	2.0	1.0	.0	.0	28.1	12.7	8.8
Rawlins...........	3,988	10.2	.0	.0	.0	.0	69.4	17.6	.0
Reno..............	64,842	7.8	.6	.0	.0	.0	19.7	12.4	5.1
Republic..........	7,413	3.0	1.0	.0	1.0	.0	14.8	22.6	3.6
Rice..............	11,718	12.8	3.8	.0	.5	.0	33.1	9.2	2.1
Riley.............	64,315	5.3	.6	.5	.0	.0	10.4	7.0	2.9
Rooks.............	7,031	10.5	3.6	.0	.0	.0	51.9	24.3	.0
Rush..............	4,460	5.0	.0	.0	.0	.0	21.2	24.8	.0
Russell...........	8,957	7.4	.0	.0	.0	.0	9.2	14.9	3.2
Saline............	49,680	5.8	1.7	.4	.0	.5	14.4	10.4	2.4
Scott.............	5,812	3.6	2.2	.0	.0	.0	44.3	9.0	.0
Sedgwick..........	376,004	7.5	1.2	.3	.2	.4	19.2	12.7	7.9
Seward............	17,936	10.8	3.8	.0	.0	.0	40.0	8.7	13.1
Shawnee...........	157,121	7.6	1.3	.3	.2	.0	16.0	13.9	5.8
Sheridan..........	3,507	6.0	.0	.0	.0	.0	22.7	6.9	.0
Sherman...........	7,618	9.3	1.7	.0	.0	.0	26.1	13.7	.0
Smith.............	5,774	.0	.0	.0	.0	.0	41.2	11.9	11.1
Stafford..........	5,724	.0	.0	.0	.0	.0	24.0	.0	.0
Stanton...........	2,406	8.9	.0	.0	.0	.0	18.2	7.6	.0
Stevens...........	4,760	8.2	3.5	.0	.0	.0	32.3	9.7	.0
Sumner............	25,043	7.5	2.2	.0	.0	.0	32.5	14.5	1.0
Thomas............	8,676	10.7	4.6	.0	.0	.0	15.9	14.1	4.5
Trego.............	4,233	.0	.0	.0	.0	.0	35.4	11.1	7.0
Wabaunsee.........	6,820	5.4	.0	.0	.0	.0	34.2	3.6	.0
Wallace...........	2,035	.0	.0	.0	.0	.0	29.5	24.4	.0
Washington........	8,245	8.1	.0	.0	.0	.0	15.9	9.1	.0
Wichita...........	3,006	6.3	.0	.0	.0	.0	64.9	4.6	.0
Wilson............	11,914	4.4	.0	.0	.0	.0	37.6	21.0	2.1
Woodson...........	4,600	7.0	1.7	.0	.0	.0	28.2	2.5	.0
Wyandotte.........	172,857	8.7	1.1	.8	.1	.1	21.4	13.4	17.8

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
							Range of Rates					
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Minimum	Maximum	Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
Kingman...........	18.0	0.0	2.6	0.0	2.6	23.2	23.1	34.7	57	31	78	17
Kiowa.............	5.6	5.6	.0	.0	.0	11.3	10.0	11.1	0	105	22	69
Labette...........	8.8	4.2	2.8	.6	.0	15.8	19.3	28.6	34	59	47	49
Lane..............	5.6	.0	.0	.0	.0	5.6	20.0	29.4	38	53	3	94
Leavenworth.......	16.9	8.1	.7	.7	1.0	25.3	20.0	29.8	39	52	83	9
Lincoln...........	8.1	.0	.0	.0	.0	8.1	21.3	30.4	43	51	8	84
Linn..............	3.4	1.8	.0	.0	.0	5.2	20.1	26.9	32	61	2	96
Logan.............	6.4	24.6	.0	.0	4.2	24.6	25.0	33.0	57	30	81	14
Lyon..............	9.0	5.5	.9	.0	1.8	16.7	16.6	23.9	17	78	52	42
McPherson.........	4.3	5.2	.0	.0	.9	10.4	10.9	15.6	1	102	16	74
Marion............	1.6	2.7	2.9	.0	1.9	9.1	20.7	27.4	35	57	11	81
Marshall..........	8.5	3.6	.0	.0	.0	11.4	16.2	22.3	13	82	22	68
Meade.............	7.2	.0	7.9	.0	.0	15.1	29.2	40.8	77	10	43	52
Miami.............	6.1	3.3	.8	.0	.0	10.2	24.6	34.0	58	26	15	76
Mitchell..........	8.4	4.3	.0	.0	.0	12.7	12.0	18.4	3	99	30	63
Montgomery........	11.7	5.3	1.3	.0	.0	17.2	19.0	29.1	35	58	55	37
Morris............	8.4	5.4	4.7	.0	8.5	23.0	19.0	26.3	28	64	77	18
Morton............	5.7	12.7	6.3	.0	.0	24.7	47.9	62.0	97	1	81	13
Nemaha............	6.6	3.9	.0	.0	.0	10.5	13.8	20.9	7	93	17	73
Neosho............	3.2	2.6	.8	.0	.0	6.6	19.4	25.6	27	65	5	90
Ness..............	4.4	3.3	5.6	.0	.0	13.2	17.3	22.4	16	79	32	57
Norton............	6.1	19.5	2.1	.0	2.1	27.7	28.6	35.0	68	18	87	6
Osage.............	11.1	6.3	.0	.0	1.1	16.9	25.4	35.7	63	21	53	38
Osborne...........	6.4	4.3	7.2	.0	5.0	18.0	27.7	38.0	71	15	58	33
Ottawa............	2.9	1.5	2.3	.0	.0	6.7	14.6	19.7	6	94	5	89
Pawnee............	4.3	2.6	.0	.0	.0	6.9	15.5	20.1	8	89	5	88
Phillips..........	7.8	1.9	.0	3.1	.0	12.8	15.2	21.4	10	86	30	61
Pottawatomie......	6.9	3.1	3.0	.0	1.5	12.9	17.7	26.4	25	67	31	60
Pratt.............	2.0	4.1	5.8	.0	4.7	14.6	22.3	30.1	44	48	40	53
Rawlins...........	11.5	.0	.0	.0	.0	11.5	36.9	53.0	93	2	22	66
Reno..............	10.1	3.2	.3	.0	5.8	18.7	17.0	26.4	24	69	61	30
Republic..........	6.0	7.7	3.0	1.0	4.4	21.0	15.7	23.4	14	80	71	26
Rice..............	17.4	6.4	3.5	.5	.0	25.2	26.3	38.8	70	16	82	10
Riley.............	9.1	1.0	1.4	.0	.6	12.1	10.4	16.1	1	101	26	64
Rooks.............	14.1	9.7	3.8	.0	.0	27.6	34.5	50.0	90	3	87	8
Rush..............	6.0	.0	.0	.0	.0	6.0	15.9	25.1	18	77	3	93
Russell...........	10.2	.0	2.6	.0	.0	12.8	11.4	19.4	3	98	30	62
Saline............	8.8	6.6	.9	.0	.5	15.9	14.3	21.2	7	90	47	48
Scott.............	3.6	2.7	.0	.0	.0	6.4	24.1	32.5	55	33	4	91
Sedgwick..........	10.3	3.8	1.0	.2	.9	15.6	19.4	29.0	35	56	46	50
Seward............	16.0	12.4	1.4	1.2	.0	31.0	32.9	46.9	87	5	91	4
Shawnee...........	12.5	5.3	2.0	.4	.6	19.9	17.3	26.5	25	68	66	28
Sheridan..........	9.9	.0	.0	.0	.0	9.9	13.4	20.3	6	96	15	77
Sherman...........	9.3	3.3	3.4	.0	3.4	16.0	19.1	29.3	36	55	48	47
Smith.............	.0	.0	.0	.0	.0	.0	24.9	33.3	58	27	...	...
Stafford..........	1.3	.0	.0	.0	.0	1.3	10.1	12.7	0	104	0	99
Stanton...........	8.9	7.6	.0	.0	.0	16.5	12.8	20.9	6	95	51	44
Stevens...........	11.7	11.6	.0	.0	.0	23.3	22.4	32.0	49	42	78	16
Sumner............	11.8	3.2	2.8	.0	.0	17.8	22.3	32.5	50	40	58	34
Thomas............	11.6	10.7	.0	.0	.0	22.2	20.6	31.2	43	49	75	21
Trego.............	.0	.0	.0	.0	.0	.0	20.4	27.4	34	60	...	...
Wabaunsee.........	7.5	.0	.0	.0	.0	7.5	17.3	24.6	20	74	7	87
Wallace...........	.0	.0	.0	.0	.0	.0	17.3	24.7	21	72	...	...
Washington........	11.3	7.7	.0	.0	.0	15.3	11.8	19.5	3	97	44	51
Wichita...........	6.3	13.9	4.6	.0	.0	24.7	30.8	42.1	80	8	81	12
Wilson............	4.4	5.2	.0	.0	.0	9.6	22.7	33.2	53	36	13	80
Woodson...........	13.2	3.5	.0	.0	.0	16.7	16.9	24.2	19	75	52	43
Wyandotte.........	12.7	2.5	1.1	.1	.4	16.4	25.6	38.0	67	19	50	45

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Kentucky	3,696,134	8.4	1.9	0.4	0.2	0.2	21.7	12.4	7.9
Adair	15,542	5.7	1.0	.0	.0	.0	21.2	5.5	4.9
Allen	14,203	3.0	.0	.0	.0	.0	30.7	6.9	4.1
Anderson	12,840	8.8	.0	.0	.0	.0	29.4	13.0	5.0
Ballard	8,508	3.9	.0	.0	.0	.0	49.4	21.2	2.7
Barren	34,447	7.5	.7	.7	.0	.5	19.2	8.6	8.8
Bath	10,117	3.9	.0	.0	.0	.0	20.2	7.9	8.9
Bell	34,479	10.7	1.4	.7	.0	.7	29.4	12.2	16.0
Boone	48,377	7.7	2.3	.5	.3	.0	25.8	10.9	.0
Bourbon	19,275	5.9	.0	.0	.0	.0	35.3	15.5	7.1
Boyd	54,850	7.2	1.4	.8	.0	.0	17.4	6.9	3.7
Boyle	25,070	4.6	3.1	.8	.0	.0	28.6	17.4	7.3
Bracken	7,631	2.8	1.9	.0	.0	.0	37.2	26.9	.0
Breathitt	16,763	5.2	2.6	.0	.9	1.2	39.4	14.0	18.7
Breckinridge	16,859	2.8	.7	.0	.0	.0	40.3	8.0	5.2
Bullitt	44,242	9.5	.0	.0	.0	.6	26.1	12.7	4.3
Butler	11,252	4.6	.0	.0	.0	.0	27.6	12.3	1.0
Caldwell	13,427	4.7	1.1	.0	.0	.0	41.0	14.2	15.9
Calloway	29,927	4.9	.0	.0	.0	.0	21.4	11.8	3.2
Campbell	82,278	11.1	1.5	.5	.0	.0	14.1	11.5	4.9
Carlisle	5,357	7.7	3.8	.0	.0	.0	52.4	14.0	.0
Carroll	9,563	11.9	5.7	.0	.0	.0	27.5	21.4	10.4
Carter	25,270	7.0	1.2	.0	.5	.0	25.6	10.6	9.1
Casey	14,986	1.9	1.6	.0	.0	.0	35.2	11.8	4.6
Christian	65,914	8.7	1.9	.9	.4	.0	22.9	10.8	9.3
Clark	28,791	9.2	.0	.0	.6	.0	19.0	12.4	4.1
Clay	23,221	5.0	1.6	.0	.0	.0	32.0	4.5	22.2
Clinton	9,658	1.2	.0	.0	.0	.0	34.2	1.7	4.6
Crittenden	9,081	5.6	.0	.0	.0	.0	24.6	7.1	2.7
Cumberland	7,398	7.6	.0	.0	.0	.0	42.4	30.0	6.9
Daviess	87,398	11.9	1.6	.3	.2	.0	15.3	12.9	4.0
Edmonson	10,346	3.1	.0	.0	.0	.0	36.6	8.0	4.4
Elliott	6,849	7.5	4.0	4.0	6.9	.0	36.9	1.8	11.4
Estill	14,821	5.3	.9	.0	.0	.0	19.0	11.4	10.2
Fayette	208,979	10.1	6.7	.6	.2	.1	13.0	13.9	5.7
Fleming	12,280	2.4	.0	.0	.0	.0	51.9	18.3	7.2
Floyd	49,547	6.1	1.2	.4	.0	.4	27.0	13.4	9.1
Franklin	42,895	12.8	.3	.0	.4	.0	14.2	10.4	6.1
Fulton	8,507	7.3	2.9	.0	.0	.0	23.2	16.7	17.8
Gallatin	4,857	13.2	.0	.0	.0	.0	17.5	24.9	.0
Garrard	11,257	10.4	.0	.0	.0	.0	20.5	17.2	9.8
Grant	13,557	4.7	1.0	.0	.0	.0	20.7	14.8	5.9
Graves	33,401	6.1	1.0	.0	.0	.0	28.5	16.1	4.3
Grayson	21,337	.0	1.1	.0	.0	.0	35.6	9.9	2.1
Green	10,972	7.0	1.3	.0	.0	.0	21.5	10.9	5.0
Greenup	38,634	7.0	.5	.0	.0	.0	17.3	9.5	5.3
Hancock	7,906	4.9	.0	.0	.0	.0	26.7	4.7	2.6
Hardin	90,599	8.9	1.4	.1	.3	.1	18.3	11.0	8.0
Harlan	42,031	9.7	5.1	1.1	.4	.0	23.6	12.5	13.0
Harrison	15,465	11.5	.0	.0	.0	.0	19.7	14.6	6.1
Hart	15,223	8.7	1.5	1.5	.0	.0	38.0	16.3	4.0
Henderson	41,466	8.4	2.3	1.0	1.4	.0	25.3	11.1	2.5
Henry	13,052	5.8	.0	.0	.0	.0	26.9	13.2	8.4
Hickman	5,874	5.6	.0	.0	.0	.0	35.0	17.2	17.0
Hopkins	46,569	7.4	2.7	1.5	.0	.2	22.1	14.3	7.2
Jackson	12,227	8.2	1.4	2.1	.0	.0	33.3	11.4	9.0
Jefferson	685,539	11.8	2.8	.4	.2	.1	14.3	12.7	10.2
Jessamine	27,577	6.7	.0	.0	.7	.0	24.1	7.2	5.6
Johnson	25,163	6.2	.5	.0	.0	.0	26.6	11.0	7.3

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Kentucky	12.1	4.1	1.0	0.3	0.9	18.0	21.4	31.7	-	-	-	-
Adair	10.0	2.6	.0	.0	1.5	15.6	15.6	22.7	13	112	46	54
Allen	3.0	1.5	.0	.0	.0	5.5	17.4	24.3	20	105	3	115
Anderson	13.1	2.8	.0	.0	.0	15.8	20.9	32.0	46	66	47	50
Ballard	7.8	2.7	8.7	.0	.0	16.5	27.9	39.5	73	22	50	44
Barren	8.6	3.1	.7	.2	.9	12.4	18.8	27.9	32	88	28	76
Bath	9.6	.0	.0	.0	.0	9.6	15.9	23.1	14	109	13	96
Bell	14.8	4.6	.7	.7	1.8	21.7	29.5	43.3	80	12	73	17
Boone	10.5	4.2	1.4	.3	.5	16.1	19.3	28.2	34	85	48	48
Bourbon	10.3	3.3	2.3	.6	.0	16.6	23.7	34.6	58	45	51	43
Boyd	9.0	1.8	.8	.0	1.5	13.2	15.6	23.2	14	110	32	67
Boyle	6.8	8.4	2.0	.0	.0	17.2	24.7	34.5	60	40	55	38
Bracken	8.9	1.9	.0	.0	.0	10.8	24.0	34.2	58	44	19	86
Breathitt	5.9	3.9	.0	.9	2.6	12.0	35.1	47.8	89	4	25	79
Breckinridge	5.4	.7	.0	.0	2.3	8.4	22.8	31.0	48	63	9	102
Bullitt	12.7	2.6	.0	.0	1.0	15.3	20.0	30.9	42	72	44	57
Butler	5.6	2.4	.0	.0	.0	8.0	16.4	24.2	18	106	8	105
Caldwell	6.5	1.1	.7	.0	.7	8.3	30.6	42.8	81	10	9	104
Calloway	5.6	.0	.0	.0	.0	5.6	14.9	22.4	10	116	3	113
Campbell	22.1	4.4	1.6	.0	6.7	33.6	17.1	27.4	26	94	93	1
Carlisle	7.7	3.8	3.8	.0	.0	15.2	31.7	44.0	83	7	44	58
Carroll	14.3	12.3	.0	.0	1.6	26.6	31.3	46.1	85	6	85	5
Carter	11.6	3.2	.0	.5	.0	14.8	21.8	31.7	47	65	42	62
Casey	3.5	3.1	.0	.0	.0	6.6	21.7	29.4	42	70	5	110
Christian	11.2	2.6	2.3	.4	.0	16.4	22.9	33.6	55	51	50	45
Clark	10.4	.0	2.1	.6	.0	13.0	16.8	26.7	24	100	31	70
Clay	7.4	1.6	.0	.0	.9	9.9	28.4	39.2	73	20	14	94
Clinton	2.3	1.2	.0	.0	.0	3.5	17.3	22.8	17	107	1	119
Crittenden	9.5	.0	.0	.0	2.7	12.2	15.3	22.7	12	114	27	77
Cumberland	8.9	1.3	.0	.0	.0	10.3	30.1	45.2	83	8	16	90
Daviess	17.7	4.3	.3	.4	.2	22.5	17.8	28.8	31	89	75	14
Edmonson	3.1	.0	.0	.0	.0	5.3	20.4	28.2	36	80	2	116
Elliott	10.4	15.4	4.0	8.8	.0	31.7	39.3	49.6	93	2	91	2
Estill	5.8	2.6	.0	.0	.0	8.3	18.1	26.7	27	93	9	103
Fayette	14.2	9.4	1.5	.4	.9	25.6	22.6	32.8	52	56	83	6
Fleming	3.0	2.7	2.0	.0	1.7	9.4	29.8	41.2	78	14	12	97
Floyd	9.7	2.5	1.3	.0	2.6	15.6	22.7	32.8	53	55	46	53
Franklin	14.7	3.6	.0	1.4	.0	18.2	16.9	28.2	28	91	59	35
Fulton	14.9	2.9	3.0	.0	2.9	20.7	27.3	39.7	73	23	69	21
Gallatin	17.2	4.6	.0	.0	.0	21.8	17.7	31.0	37	78	74	16
Garrard	10.4	1.3	2.2	.0	4.1	14.0	20.9	33.4	49	60	36	65
Grant	7.7	4.4	1.7	.0	.0	12.8	17.4	25.7	23	102	30	72
Graves	8.1	3.0	.7	.0	.0	11.9	20.8	30.7	43	69	25	80
Grayson	2.5	2.2	.0	.0	.0	4.7	19.0	25.0	25	98	2	118
Green	10.2	2.8	.0	.0	.0	13.1	17.7	26.5	26	96	31	69
Greenup	9.7	1.8	.0	.5	.5	12.0	15.1	23.2	13	111	26	78
Hancock	7.9	.0	.0	3.0	.0	7.9	15.4	22.2	11	115	8	106
Hardin	15.3	3.2	.1	.3	2.3	21.0	19.3	29.3	36	79	70	19
Harlan	16.7	8.9	1.1	.4	.5	27.3	29.2	41.4	77	15	86	4
Harrison	14.9	4.1	.0	.0	.0	17.9	18.7	30.6	38	75	58	36
Hart	15.0	6.0	1.5	.0	3.0	22.5	27.7	40.0	73	19	76	13
Henderson	13.4	4.8	1.0	1.4	.0	20.2	22.2	31.8	48	61	67	24
Henry	12.2	.9	5.8	1.7	.0	20.6	20.3	30.0	40	74	69	23
Hickman	5.6	.0	.0	.0	.0	5.6	28.4	41.1	76	16	3	114
Hopkins	11.3	4.9	2.5	.0	.7	18.6	22.9	33.0	53	53	60	32
Jackson	10.3	4.2	2.1	.0	1.9	18.6	27.4	38.9	72	25	61	30
Jefferson	16.7	5.4	.5	.3	.4	22.8	21.7	33.5	51	58	76	12
Jessamine	11.9	2.1	.6	2.3	2.1	19.0	17.7	26.1	25	99	62	29
Johnson	10.6	3.2	.4	.0	2.2	15.7	19.9	29.2	38	77	46	52

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Kenton	136,467	14.4	1.8	1.2	0.1	0.0	16.2	14.1	5.2
Knott	18,123	3.4	.9	.0	.0	2.4	30.5	14.8	12.3
Knox	30,165	6.0	1.8	1.9	.0	.0	25.7	13.6	18.1
Larue	11,974	8.0	3.2	.0	.0	.0	21.7	10.6	5.8
Laurel	40,232	4.3	.6	.0	.0	.5	19.6	10.3	9.6
Lawrence	14,391	4.3	.0	1.6	.0	.0	22.4	15.6	4.6
Lee	7,855	4.4	.0	2.9	.0	.0	40.9	22.0	26.9
Leslie	15,212	8.2	2.9	.0	.0	.0	25.1	9.4	24.5
Letcher	30,682	7.7	2.3	.0	1.5	.7	21.8	11.8	10.2
Lewis	14,462	9.7	.0	.0	.0	.0	28.9	13.7	4.5
Lincoln	19,159	4.3	4.2	1.3	.0	.0	27.4	13.0	10.4
Livingston	9,230	10.5	.0	.0	.0	.0	21.0	18.6	15.6
Logan	24,767	7.1	.0	.0	.0	.0	28.9	3.6	3.5
Lyon	6,422	.0	.0	.0	.0	.0	11.5	16.3	14.0
McCracken	61,117	8.5	1.1	.0	.0	.0	17.8	18.3	10.0
McCreary	15,969	8.6	1.2	2.9	.0	.0	29.2	24.7	5.2
McLean	10,037	6.8	2.8	.0	.0	.0	25.8	8.2	.0
Madison	53,859	3.9	.4	.5	.0	1.0	15.2	13.1	7.4
Magoffin	13,861	3.8	.0	.0	.0	.0	33.2	5.1	10.4
Marion	17,826	5.6	2.4	.0	1.3	.0	25.6	6.0	11.2
Marshall	25,740	8.3	.0	.0	.6	.0	27.0	17.9	4.9
Martin	14,189	5.9	.0	.0	.0	.0	33.7	11.3	9.5
Mason	17,534	7.8	3.7	.0	.0	.0	32.4	12.0	4.5
Meade	22,985	11.1	.0	.0	.0	.0	25.5	15.4	8.7
Menifee	5,216	5.7	.0	.0	.0	.0	47.1	9.5	7.6
Mercer	19,295	9.2	.6	.0	.0	.0	24.3	25.0	4.4
Metcalfe	9,661	2.9	.0	.0	.0	.0	32.9	18.5	2.3
Monroe	12,425	4.9	.0	1.9	.0	.0	44.9	10.6	8.3
Montgomery	20,113	3.1	2.2	.0	.0	.9	40.8	11.5	4.6
Morgan	12,069	4.2	3.6	.0	.0	2.1	25.7	7.5	5.6
Muhlenberg	31,983	5.7	.0	.0	.0	.0	36.2	12.3	7.3
Nelson	28,206	10.8	.7	.0	.0	.0	25.7	18.0	11.5
Nicholas	7,230	4.8	1.0	.0	.0	.0	31.6	16.6	.0
Ohio	21,715	3.3	.0	.0	.0	.8	23.0	20.4	5.4
Oldham	29,518	10.1	3.0	.0	.0	.0	27.3	9.6	4.8
Owen	9,109	3.4	2.5	.0	2.6	.0	34.7	22.4	.0
Owsley	5,654	2.1	12.3	.0	.0	.0	44.5	16.8	.0
Pendleton	10,898	4.4	4.4	.0	.0	.0	31.5	18.6	5.4
Perry	34,405	10.0	2.5	.6	.0	.8	30.3	15.5	24.9
Pike	81,942	9.6	3.2	.3	.0	.3	24.1	14.2	10.4
Powell	11,468	9.9	.0	.0	.0	.0	35.3	10.1	9.2
Pulaski	47,474	5.1	2.5	.5	.7	.8	31.5	8.2	9.0
Robertson	2,291	10.2	.0	.0	.0	.0	10.7	10.2	.0
Rockcastle	14,244	3.4	.9	2.8	.0	.0	40.3	14.1	13.8
Rowan	19,326	8.6	1.3	.0	.0	.0	23.3	8.7	7.0
Russell	14,423	1.0	1.0	.0	.0	.0	25.2	12.0	8.1
Scott	21,758	3.9	.9	1.1	.0	.0	21.9	10.4	1.6
Shelby	23,625	4.9	.0	.8	.0	.0	29.4	12.8	4.6
Simpson	14,819	3.5	2.6	.0	.0	.0	33.6	10.8	7.0
Spencer	6,060	9.5	.0	.0	.0	.0	45.4	10.4	3.5
Taylor	21,533	2.4	1.8	1.0	.0	.0	16.3	7.6	3.1
Todd	11,445	1.4	.0	.0	.0	.0	39.9	10.7	9.8
Trigg	9,540	3.6	2.2	.0	.0	.0	28.4	9.5	15.3
Trimble	6,254	6.1	.0	.0	.0	.0	36.2	7.1	.0
Union	17,850	1.2	.0	.0	.0	.0	22.3	16.5	2.5
Warren	76,423	9.0	1.1	.0	.0	.0	14.9	11.1	9.2
Washington	10,531	5.7	8.0	.0	.0	.0	32.4	12.2	2.6
Wayne	17,333	6.9	1.4	.0	.0	2.8	22.2	8.9	13.6
Webster	14,772	5.3	.0	.0	.0	.0	29.1	15.3	4.4

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Kenton	19.7	4.4	4.2	0.1	0.8	30.1	21.1	34.0	51	59	90	3
Knott	6.6	.9	.0	.0	2.4	10.0	26.3	36.1	65	32	15	92
Knox	8.7	3.4	3.1	.0	.0	15.1	28.3	39.7	74	18	43	60
Larue	9.3	6.1	1.3	.0	3.4	20.1	20.4	29.9	40	73	67	25
Laurel	8.4	2.4	.0	.0	.9	11.7	17.7	25.5	23	101	24	81
Lawrence	7.7	4.4	3.2	.0	.0	15.4	18.1	26.3	26	95	45	56
Lee	8.1	6.1	2.9	.0	.0	17.1	38.9	54.1	94	1	54	40
Leslie	10.2	7.4	1.6	.0	1.6	22.5	30.2	43.1	81	11	75	15
Letcher	9.6	4.1	.7	1.5	.7	15.9	24.0	34.3	58	43	47	49
Lewis	14.6	.0	.0	.0	1.5	16.1	21.0	32.5	47	64	49	47
Lincoln	4.7	12.4	1.3	.0	3.7	20.7	26.2	35.5	64	34	69	20
Livingston	11.6	1.8	.0	.0	.0	13.4	24.2	38.0	65	33	33	66
Logan	8.2	.4	.0	.0	.0	8.6	17.4	25.6	23	104	10	100
Lyon	.0	.0	.0	.0	.0	.0	14.7	21.1	8	117	...	...
McCracken	12.2	4.8	.3	.2	1.6	18.5	20.4	31.7	44	67	60	33
McCreary	9.3	2.9	2.9	.0	.0	15.1	27.3	40.2	73	21	43	59
McLean	8.0	4.5	.0	.0	.0	9.7	18.1	26.1	26	97	14	95
Madison	6.5	5.0	1.7	.0	1.5	12.4	16.0	23.3	15	108	28	75
Magoffin	9.6	1.3	.0	.0	.0	13.0	21.4	29.7	42	71	31	71
Marion	13.1	4.2	.0	1.3	.0	18.6	23.2	32.0	52	57	61	31
Marshall	9.3	.8	.0	1.4	.0	10.7	21.2	32.6	48	62	18	87
Martin	5.9	1.7	2.2	.0	.0	9.9	23.3	33.7	55	48	14	93
Mason	15.3	7.1	2.5	.0	.0	25.0	25.0	35.6	62	38	82	8
Meade	13.2	2.4	2.1	1.4	2.7	19.4	22.4	35.3	57	46	64	28
Menifee	5.7	.0	.0	.0	.0	5.7	27.6	38.8	72	24	3	112
Mercer	16.1	6.7	1.2	.0	.0	23.9	21.7	34.3	53	52	79	9
Metcalfe	2.9	.0	2.3	.0	2.4	7.5	19.8	28.5	35	83	7	108
Monroe	6.7	.0	1.9	.0	.0	8.6	28.8	39.6	75	17	10	101
Montgomery	6.0	4.0	.0	.9	.9	10.9	26.0	34.9	63	36	19	85
Morgan	5.8	5.7	.0	.0	3.7	13.1	22.3	29.7	44	68	32	68
Muhlenberg	6.8	.4	.7	.0	.0	7.8	23.4	33.8	56	47	7	107
Nelson	11.9	5.4	.0	.9	1.6	19.8	24.9	38.5	67	28	65	26
Nicholas	10.0	4.0	.0	.0	.0	14.0	19.6	28.5	35	84	36	64
Ohio	7.3	1.5	2.8	.0	.8	11.6	18.4	27.1	29	90	23	83
Oldham	11.0	4.8	.5	.0	.0	16.3	22.8	33.7	55	50	50	46
Owen	8.0	5.1	2.6	2.6	.0	15.8	25.6	35.1	62	37	47	51
Owsley	3.1	12.3	.0	.0	3.3	23.1	35.2	44.1	87	5	78	10
Pendleton	14.1	4.4	2.3	.0	2.0	22.8	25.7	35.7	64	35	76	11
Perry	15.6	3.7	.6	.0	.8	20.6	35.4	51.0	91	3	69	22
Pike	12.7	3.7	.8	.0	.5	17.1	25.6	37.6	67	30	54	39
Powell	13.6	4.7	.0	.0	.0	18.2	25.2	37.7	66	31	59	34
Pulaski	7.6	4.9	.8	.7	2.1	15.1	25.7	34.8	62	39	43	61
Robertson	10.2	6.5	.0	.0	.0	16.7	10.7	19.1	3	120	52	42
Rockcastle	6.6	.9	2.8	.0	.0	10.3	31.3	42.3	81	9	16	89
Rowan	11.6	6.9	.9	.0	6.6	25.1	19.7	29.5	38	76	82	7
Russell	10.2	2.6	.0	.0	.0	12.8	18.2	24.9	23	103	30	73
Scott	4.9	2.6	2.3	.0	2.1	10.7	15.8	22.3	12	113	18	88
Shelby	8.4	1.7	.8	.8	.0	11.7	19.8	28.7	36	81	24	82
Simpson	4.5	2.6	.0	.0	1.5	7.1	23.5	32.1	53	54	6	109
Spencer	9.5	.0	.0	.0	7.8	17.3	26.7	39.2	71	26	55	37
Taylor	4.0	2.2	1.0	.0	2.0	9.2	13.7	18.5	4	119	12	98
Todd	2.8	.0	3.8	.0	.0	9.0	24.0	32.6	55	49	11	99
Trigg	3.6	2.2	.0	.0	.0	5.8	24.7	34.0	59	42	3	111
Trimble	10.2	.0	.0	.0	.0	10.2	19.1	27.6	32	87	16	91
Union	3.8	.9	.0	.0	.0	4.7	14.3	20.7	7	118	2	117
Warren	11.0	2.8	.0	.0	.5	14.4	17.5	27.4	27	92	39	63
Washington	10.8	8.0	.0	.7	2.2	21.7	27.6	36.7	69	27	73	18
Wayne	8.4	3.4	2.1	.0	2.8	16.8	24.5	34.5	59	41	52	41
Webster	8.4	2.6	.0	.0	.0	11.0	19.5	28.9	35	82	20	84

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Whitley	34,436	5.7	0.7	0.0	0.0	0.5	25.9	7.4	7.1
Wolfe	6,876	3.6	.0	.0	.0	.0	29.8	11.2	29.7
Woodford	18,300	8.2	3.4	1.3	.0	.0	35.1	12.2	2.2
Louisiana	4,351,857	9.5	1.7	.2	.2	.1	24.4	12.7	14.7
Acadia	58,051	8.7	1.8	.8	.4	.0	29.2	14.4	7.8
Allen	21,430	10.6	.0	.0	.0	.0	43.6	10.7	7.0
Ascension	53,860	6.8	1.4	.0	.0	.0	25.6	8.1	12.3
Assumption	22,939	4.0	.0	.0	.7	.0	38.2	4.8	24.4
Avoyelles	42,428	4.9	1.0	.0	.3	.5	42.1	16.9	8.5
Beauregard	31,145	9.1	.8	.0	.0	.0	25.4	10.4	13.1
Bienville	16,547	1.7	1.4	.0	.0	.0	44.5	7.5	4.3
Bossier	85,801	8.1	2.7	.2	.2	.0	22.4	11.9	8.2
Caddo	261,366	9.6	2.1	.3	.2	.1	18.9	12.7	20.3
Calcasieu	171,206	8.2	1.4	.1	.5	.0	23.3	15.4	9.8
Caldwell	10,965	8.0	.0	2.2	.0	.0	27.4	5.6	7.9
Cameron	9,682	10.2	3.9	.0	.0	.0	48.1	16.2	12.0
Catahoula	12,483	12.2	1.5	1.0	.0	.0	41.4	8.4	3.5
Claiborne	17,966	4.5	2.5	.0	.0	.0	34.0	9.0	12.8
Concordia	23,414	4.8	.7	.0	.0	.0	33.9	15.4	10.4
De Soto	26,526	6.2	1.6	1.0	.0	.0	28.8	13.8	17.7
East Baton Rouge	379,862	9.4	1.1	.1	.3	.1	18.2	10.5	12.0
East Carroll	11,547	.8	4.1	.0	.0	.0	26.1	16.9	28.0
East Feliciana	19,625	3.6	.0	.0	.0	.0	28.7	2.7	6.6
Evangeline	34,281	7.8	6.8	.5	.0	.0	43.3	34.4	6.9
Franklin	24,229	3.0	.4	.0	.0	.0	31.4	11.3	17.1
Grant	17,416	8.1	3.0	1.3	1.5	.0	38.9	11.4	5.6
Iberia	66,795	8.7	1.7	.3	.0	.0	30.5	11.1	8.9
Iberville	32,851	7.2	1.7	.6	.8	.0	29.4	6.1	9.4
Jackson	17,504	4.9	.0	.0	1.5	.0	24.6	10.1	16.3
Jefferson	467,606	10.2	.6	.3	.1	.1	16.8	15.7	10.6
Jefferson Davis	32,776	5.1	1.5	.4	.0	.0	31.7	6.5	8.6
Lafayette	161,357	6.4	1.1	.2	.2	.0	21.7	15.3	7.4
Lafourche	85,604	4.2	.8	.3	.0	.0	31.5	9.3	7.5
La Salle	17,160	11.2	.0	.0	.0	.0	32.0	10.1	4.3
Lincoln	41,131	6.3	.0	.0	.0	.0	15.2	8.0	6.1
Livingston	64,686	6.8	.0	.4	.0	.0	35.7	12.8	8.5
Madison	15,657	5.0	1.8	1.8	.0	.0	22.9	9.5	19.5
Morehouse	35,471	8.1	.0	2.1	.0	.0	21.3	8.6	17.2
Natchitoches	39,958	10.3	2.0	1.3	.3	.0	28.1	11.4	16.8
Orleans	559,896	17.8	4.0	.0	.4	.0	15.6	12.8	37.2
Ouachita	141,543	8.5	.8	.2	.1	.4	20.5	11.7	7.9
Plaquemines	26,491	8.1	1.7	.0	.0	.0	42.6	16.0	12.4
Pointe Coupee	24,675	12.1	2.1	.0	.0	.0	31.4	10.9	5.3
Rapides	137,247	10.8	2.1	.2	.1	.0	24.1	10.9	15.6
Red River	10,727	5.1	2.5	.0	.0	.0	53.9	13.3	23.2
Richland	22,765	5.9	1.4	.0	.0	.0	20.7	12.2	16.9
Sabine	26,417	6.8	2.8	.0	.0	.0	37.1	8.7	14.2
St. Bernard	66,307	11.8	.8	.0	.0	.0	24.9	15.1	7.8
St. Charles	39,996	9.7	.6	.0	.0	.0	29.9	9.4	7.4
St. Helena	10,173	9.7	1.8	.0	.0	.0	32.0	6.9	10.7
St. James	21,984	2.8	.8	1.2	.0	.0	33.3	6.5	4.1
St. John the Baptist	36,280	8.4	1.4	.0	.0	.0	27.6	9.8	10.4
St. Landry	86,767	5.8	2.9	.4	.0	.0	24.8	22.1	8.8
St. Martin	43,149	7.3	1.0	.0	.0	.0	33.1	14.1	4.6

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
							Range of Rates					
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Minimum	Maximum	Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
Whitley	6.2	4.4	0.5	0.0	1.8	12.8	19.2	27.6	32	86	30	74
Wolfe	6.3	5.6	3.6	.0	.0	15.5	30.2	42.4	80	13	45	55
Woodford	11.7	5.6	2.3	.0	.0	19.7	26.3	37.1	67	29	65	27
Louisiana	14.5	4.3	1.0	.3	.5	20.0	25.8	38.2	-	-	-	-
Acadia	10.8	4.1	2.7	.4	.8	18.4	25.4	37.1	65	30	60	23
Allen	13.8	.4	1.1	.0	1.1	16.4	28.1	41.6	76	19	50	31
Ascension	15.5	1.8	.0	.0	.0	16.3	22.4	32.3	50	50	50	32
Assumption	9.3	1.7	.0	.7	.9	11.9	30.9	42.2	80	11	25	49
Avoyelles	7.4	3.7	.6	.3	6.0	17.2	28.8	40.4	76	20	55	29
Beauregard	10.5	2.9	2.3	.8	.0	15.1	23.4	35.1	58	37	43	38
Bienville	3.9	4.4	.0	.0	.0	8.3	24.3	32.1	54	45	9	62
Bossier	10.7	13.1	2.0	.2	.5	25.5	22.2	32.5	50	51	83	5
Caddo	15.1	7.5	1.6	.3	.5	23.7	26.6	39.4	71	24	79	10
Calcasieu	12.2	4.4	.2	.5	.0	17.2	22.8	34.1	55	42	55	30
Caldwell	9.7	.0	5.9	.0	.0	15.6	21.8	31.4	47	53	46	34
Cameron	10.2	8.0	.0	.0	2.3	20.5	37.2	52.8	93	5	69	16
Catahoula	14.6	2.5	2.7	.0	.0	19.9	28.3	41.5	76	18	66	20
Claiborne	6.1	4.6	.0	.0	1.5	12.2	26.5	36.3	66	28	27	47
Concordia	6.8	1.3	.0	.0	.6	8.7	24.9	35.6	62	34	10	61
De Soto	7.5	1.9	11.3	.0	.9	20.6	28.2	40.1	74	21	69	15
East Baton Rouge	13.5	3.0	.4	.3	.6	17.5	20.8	31.7	45	55	56	25
East Carroll	4.1	10.3	.0	.0	2.7	17.2	31.9	42.8	82	7	55	28
East Feliciana	7.2	1.8	.0	.0	1.0	10.0	17.2	23.9	18	62	15	59
Evangeline	14.1	8.8	2.6	.0	.0	25.5	38.8	54.8	94	4	83	4
Franklin	4.1	1.1	1.0	.0	.0	6.2	25.1	35.0	62	35	4	64
Grant	9.7	8.3	2.6	1.5	.0	20.6	30.4	42.0	79	13	69	14
Iberia	10.8	4.5	.6	.4	.0	15.6	24.7	36.1	63	31	46	35
Iberville	15.2	4.6	1.4	.8	.0	21.2	24.0	33.8	57	39	71	13
Jackson	5.4	.0	2.9	1.5	.0	9.7	23.5	33.3	55	43	14	60
Jefferson	15.2	1.7	.5	.1	.2	17.3	20.4	32.3	45	54	55	27
Jefferson Davis	8.8	4.2	.4	.0	.0	12.8	22.6	31.5	49	52	30	46
Lafayette	9.3	3.3	.4	.2	.3	13.1	19.8	29.5	38	60	32	45
Lafourche	10.0	1.3	.5	.0	.0	11.8	21.4	30.0	43	56	25	50
La Salle	13.5	.0	2.8	.0	4.2	17.7	22.0	34.0	54	49	57	24
Lincoln	7.3	2.1	.8	.4	1.0	10.8	13.4	20.9	6	63	19	56
Livingston	9.1	.4	1.6	.0	.0	11.1	24.7	35.9	62	32	20	55
Madison	10.8	12.7	10.3	.0	.0	33.9	26.4	36.5	66	27	93	3
Morehouse	11.4	2.7	5.7	.0	.0	19.9	24.2	35.3	60	36	66	19
Natchitoches	16.3	5.3	2.8	.3	.0	24.3	29.8	43.3	80	10	81	6
Orleans	28.6	8.2	.2	.6	.2	37.2	38.4	58.2	95	2	95	2
Ouachita	11.2	2.0	2.2	.1	.5	15.3	19.7	29.8	38	59	45	36
Plaquemines	11.3	1.7	2.3	.0	.0	15.2	32.0	45.9	85	6	44	37
Pointe Coupee	15.7	3.4	.9	.0	.9	20.0	25.0	37.7	66	29	67	18
Rapides	15.3	4.4	1.8	.2	.4	21.5	26.5	39.4	71	25	72	11
Red River	5.1	5.0	.0	.0	.0	10.1	40.8	55.7	95	3	15	58
Richland	8.4	1.4	2.4	.0	.0	12.1	22.9	33.3	54	48	27	48
Sabine	7.5	3.8	.0	.6	.0	11.8	29.6	41.2	78	16	24	51
St. Bernard	18.5	1.0	.3	.0	.3	20.2	22.8	35.8	58	38	67	17
St. Charles	11.8	1.2	.0	.6	.0	13.6	22.5	33.9	54	47	34	43
St. Helena	10.8	6.5	.0	.0	.0	17.3	25.6	37.4	66	26	55	26
St. James	8.5	2.8	1.2	.0	.0	11.3	20.4	27.3	34	61	22	52
St. John the Baptist	11.4	4.3	.0	.0	.5	16.2	23.3	34.3	57	40	49	33
St. Landry	10.8	3.9	.4	.0	.6	14.8	24.7	35.8	62	33	41	40
St. Martin	11.3	2.7	.0	.0	.0	13.4	23.0	33.7	55	44	33	44

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
St. Mary	65,023	7.8	1.3	0.0	0.4	0.0	41.6	11.4	12.1
St. Tammany	124,283	10.9	1.2	.4	.2	.0	30.9	13.9	10.0
Tangipahoa	85,918	7.4	1.9	.0	.0	.0	28.3	12.3	19.7
Tensas	8,406	1.7	1.9	3.8	.0	.0	32.0	7.0	8.4
Terrebonne	98,550	8.8	1.8	.0	.2	.2	35.7	13.8	11.4
Union	21,709	7.8	1.2	.0	.3	.0	48.2	7.2	7.5
Vermilion	50,993	4.3	1.6	.0	.0	.4	33.2	11.2	7.8
Vernon	57,559	4.6	1.8	.0	.0	.6	27.6	10.6	7.2
Washington	45,648	13.4	1.6	.5	.0	.5	49.7	15.1	16.6
Webster	44,732	5.9	1.7	.5	.5	.0	28.6	11.9	18.2
West Baton Rouge	19,978	13.4	.0	.0	1.0	.0	37.9	8.8	10.8
West Carroll	13,079	6.0	1.9	.0	.0	.0	24.2	7.4	10.1
West Feliciana	12,919	1.9	1.4	.0	.0	.0	13.5	7.3	4.4
Winn	17,318	7.4	2.3	.0	.0	1.4	27.0	14.5	19.4
Maine	1,144,239	10.2	2.3	.2	.2	.0	20.6	13.2	2.5
Androscoggin	100,329	12.7	3.0	.4	.2	.0	21.2	12.3	1.8
Aroostook	90,254	13.2	1.7	.5	.5	.0	17.8	8.2	1.9
Cumberland	220,311	10.0	2.9	.2	.1	.2	17.3	13.3	2.2
Franklin	27,997	7.5	.9	.0	.0	.0	24.1	14.8	1.5
Hancock	42,805	10.9	1.3	.0	.0	.0	26.8	11.1	1.5
Kennebec	110,773	11.7	.9	.2	.2	.0	19.6	15.5	2.7
Knox	33,901	8.6	1.9	.0	.0	.0	14.9	12.7	3.8
Lincoln	26,930	10.6	4.4	.0	.6	.0	27.3	15.0	3.4
Oxford	49,299	7.5	4.1	.3	.0	.0	34.3	18.6	.7
Penobscot	137,764	9.5	3.1	.2	.3	.0	20.7	12.8	2.7
Piscataquis	17,828	11.2	1.7	.0	.0	.0	29.2	12.8	3.3
Sagadahoc	29,619	9.4	1.3	.8	.0	.0	12.8	16.7	1.3
Somerset	46,056	7.4	.8	.0	.0	.0	26.2	13.3	4.3
Waldo	29,051	12.7	1.4	.0	.0	.0	21.3	16.6	6.0
Washington	34,503	6.0	2.5	1.1	1.1	.0	24.6	13.1	5.4
York	146,819	9.3	2.4	.2	.2	.0	19.6	12.5	2.4
Maryland	4,297,406	10.0	2.9	.3	.1	.0	16.4	10.3	8.9
Allegany	78,354	10.9	1.8	.0	.1	.0	20.2	11.4	2.5
Anne Arundel	383,122	9.0	1.3	.3	.3	.0	18.4	8.3	3.9
Baltimore	660,964	6.9	1.1	.1	.0	.0	14.8	10.1	4.6
Calvert	37,470	13.1	2.5	.0	.0	.0	23.7	9.0	4.8
Caroline	23,449	7.1	2.5	.0	.6	.0	38.4	10.8	5.8
Carroll	101,342	5.5	.6	.2	.0	.0	25.7	10.0	2.3
Cecil	62,823	6.7	1.4	.3	.3	.0	21.9	9.6	4.7
Charles	78,441	11.6	2.2	.0	.0	.0	32.8	10.2	5.6
Dorchester	30,302	13.6	3.5	.4	.0	.0	25.0	13.3	10.0
Frederick	120,445	6.8	1.4	.0	.4	.0	16.4	13.6	2.8
Garrett	26,475	4.0	.5	.0	.0	.0	19.0	12.4	7.3
Harford	148,896	6.6	1.9	.1	.3	.0	25.3	10.3	2.7
Howard	129,141	4.0	.9	.0	.0	.2	15.4	9.1	5.1
Kent	16,754	8.3	3.5	.0	.0	.0	37.3	11.8	2.8
Montgomery	608,412	7.0	1.6	.2	.0	.0	13.3	10.4	3.4
Prince George's	669,958	12.2	3.0	.2	.1	.0	15.8	9.7	8.2
Queen Anne's	26,884	5.1	1.7	.0	.0	.0	35.5	15.3	3.3
St. Mary's	62,292	8.2	1.9	.3	.0	.0	21.9	10.2	4.9
Somerset	19,007	17.5	2.0	.7	.7	.0	19.7	7.7	2.8
Talbot	26,328	7.8	2.1	.0	.7	.0	28.4	13.7	9.3
Washington	113,037	8.6	2.1	.9	.1	.0	15.9	9.3	2.9
Wicomico	66,000	13.3	3.7	.0	.6	.0	19.1	12.7	6.0

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
St. Mary..........	15.9	6.8	0.0	0.4	0.7	24.1	30.3	43.1	81	8	80	9
St. Tammany.......	17.4	2.3	1.1	.2	.3	21.3	26.7	40.0	72	23	72	12
Tangipahoa........	10.5	4.8	.0	.0	.0	14.7	28.6	41.2	76	17	41	41
Tensas............	1.7	5.1	3.8	.0	.0	10.7	25.1	32.2	56	41	18	57
Terrebonne........	14.4	3.7	.4	.2	.2	18.7	29.0	42.0	78	15	61	22
Union.............	8.9	2.3	.0	.3	.0	11.2	29.9	42.0	79	14	21	53
Vermilion.........	9.6	3.6	.5	.0	.4	14.1	23.6	32.8	54	46	37	42
Vernon............	6.4	3.4	1.3	.0	.6	11.2	21.4	30.0	43	57	21	54
Washington........	19.9	2.9	1.4	.0	.5	24.1	39.8	57.9	96	1	80	8
Webster...........	8.3	4.8	4.0	.5	3.5	19.1	28.1	39.6	74	22	63	21
West Baton Rouge..	19.3	5.0	2.1	1.0	.0	24.3	29.3	44.0	81	9	80	7
West Carroll......	7.9	3.1	1.9	.0	.0	15.0	20.7	29.6	40	58	43	39
West Feliciana....	3.3	1.4	2.5	.0	1.4	7.1	11.3	15.8	1	64	6	63
Winn..............	11.2	9.9	7.1	.0	13.5	38.0	30.1	42.9	80	12	96	1
Maine..............	15.1	7.3	1.3	.4	.3	23.8	19.5	29.9	-	-	-	-
Androscoggin......	18.5	8.6	.8	.6	.2	27.4	21.1	32.6	48	6	86	3
Aroostook.........	20.3	6.8	2.2	.5	.0	29.3	18.1	28.9	32	12	89	1
Cumberland........	15.4	8.0	1.6	.5	.7	25.3	18.5	28.5	32	11	82	6
Franklin..........	11.4	4.9	.0	.0	.0	16.3	17.8	27.2	28	14	50	16
Hancock...........	15.8	6.4	.9	.0	.0	21.8	19.9	30.9	41	7	74	10
Kennebec..........	16.8	4.5	1.6	.4	.0	22.8	18.6	30.2	37	9	76	7
Knox..............	13.1	7.9	.7	.0	.0	21.7	16.0	25.1	19	15	73	11
Lincoln...........	13.7	10.3	2.8	.6	.0	27.7	25.5	37.3	66	2	87	2
Oxford............	14.7	7.6	.7	.0	.0	22.7	25.9	37.0	66	1	76	9
Penobscot.........	14.0	11.0	1.4	.3	.5	25.6	20.0	30.1	40	8	83	5
Piscataquis.......	15.0	8.3	3.5	.0	.0	26.8	22.7	34.8	57	3	85	4
Sagadahoc.........	13.3	6.1	.8	.0	.0	19.2	15.2	24.8	16	16	63	13
Somerset..........	11.0	5.7	1.0	.8	.5	18.2	19.5	29.3	37	10	59	14
Waldo.............	15.9	3.5	1.5	.0	2.3	22.7	21.6	34.7	54	4	76	8
Washington........	8.6	5.4	1.8	1.1	.0	16.9	22.6	31.8	49	5	53	15
York..............	13.7	6.7	.7	.4	.3	21.5	18.5	28.2	31	13	72	12
Maryland...........	14.4	6.5	.6	.2	.1	21.3	20.6	31.1	-	-	-	-
Allegany..........	15.7	4.5	.5	.1	.3	20.9	18.4	28.8	33	14	70	10
Anne Arundel......	13.4	4.4	.4	.4	.0	17.8	16.8	25.8	22	17	57	14
Baltimore.........	10.1	2.8	.2	.0	.1	13.1	14.4	22.2	9	22	32	20
Calvert...........	18.6	4.6	.0	.0	.0	23.2	21.9	33.9	53	10	78	7
Caroline..........	9.9	15.9	.0	.6	.0	24.5	27.1	38.0	70	3	81	5
Carroll...........	7.2	1.6	.2	.0	.0	8.9	16.9	24.8	20	18	11	24
Cecil.............	11.0	6.5	.5	.8	.0	18.8	18.0	26.4	26	16	62	12
Charles...........	14.8	4.2	.0	.0	.0	18.0	25.5	38.1	67	4	59	13
Dorchester........	16.7	10.4	1.2	.3	.0	28.0	27.4	41.4	75	2	87	3
Frederick.........	10.3	4.3	.3	.5	.0	14.4	15.5	23.7	14	21	39	18
Garrett...........	7.1	1.5	.8	.0	.0	9.4	16.1	23.7	16	20	12	23
Harford...........	10.1	4.1	.4	.4	.0	14.8	19.0	27.5	31	15	41	17
Howard............	7.7	1.7	.0	.0	.2	9.5	13.5	19.8	5	24	13	22
Kent..............	10.6	9.5	.0	.0	.0	19.4	26.2	37.3	67	5	64	11
Montgomery........	10.5	3.3	.5	.0	.2	14.3	14.0	21.6	8	23	39	19
Prince George's...	17.4	6.3	.6	.2	.1	24.3	20.7	32.0	45	11	81	6
Queen Anne's......	7.1	4.7	.0	.0	.8	12.7	23.3	33.1	54	9	30	21
St. Mary's........	12.0	3.9	.3	.3	.0	16.5	19.1	28.5	34	13	51	15
Somerset..........	21.4	12.5	.7	.7	.0	33.4	21.7	35.1	55	8	93	2
Talbot............	12.1	8.0	.8	.7	.0	21.4	25.0	36.2	63	6	72	8
Washington........	12.3	7.6	1.5	.1	.2	21.0	16.5	24.9	19	19	70	9
Wicomico..........	18.1	8.2	.0	.6	.0	25.7	23.1	35.5	59	7	84	4

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Worcester.........	32,700	7.3	0.8	0.0	0.0	0.0	25.0	13.1	6.8
Baltimore City....	774,808	18.8	9.0	1.0	.3	.0	11.9	11.7	28.5
Massachusetts.......	5,772,295	11.0	1.3	.2	.1	.0	14.2	8.4	3.7
Barnstable........	155,486	10.7	1.1	.1	.2	.2	19.8	12.1	1.1
Berkshire.........	143,123	10.7	1.3	.1	.0	.2	17.5	9.4	1.5
Bristol...........	476,063	10.7	.7	.1	.0	.0	15.6	8.0	3.2
Dukes.............	9,757	13.2	2.4	.0	.0	.0	19.3	11.2	.0
Essex.............	640,217	11.5	1.4	.2	.1	.0	14.1	9.0	2.7
Franklin..........	64,392	8.1	1.2	.4	.2	.0	23.4	11.5	2.1
Hampden...........	443,392	11.4	1.4	.2	.0	.0	14.9	8.3	4.4
Hampshire.........	139,860	10.0	1.5	.0	.2	.0	13.1	11.2	.7
Middlesex.........	1,369,971	10.9	1.1	.3	.1	.1	12.6	7.1	2.0
Nantucket.........	5,558	36.4	6.4	.0	.0	.0	22.1	11.0	3.0
Norfolk...........	604,248	8.2	.6	.2	.2	.1	14.7	6.9	1.9
Plymouth..........	410,859	10.5	1.1	.2	.0	.0	17.1	8.8	2.7
Suffolk...........	660,136	16.0	3.1	.4	.3	.0	9.0	9.3	12.5
Worcester.........	649,233	9.4	1.0	.2	.0	.0	18.4	9.6	3.3
Michigan............	9,142,227	13.1	1.5	.4	.1	.1	18.4	11.8	10.6
Alcona............	9,838	6.4	2.2	.0	.0	.0	18.3	14.0	10.3
Alger.............	9,020	6.5	3.8	.6	.0	.0	26.3	17.2	2.7
Allegan...........	82,918	7.4	.5	.0	.2	.0	24.5	7.2	2.2
Alpena............	31,649	11.1	1.0	.7	.3	.0	22.0	10.7	.7
Antrim............	16,555	5.0	1.4	.0	.0	.0	28.9	8.7	1.4
Arenac............	14,880	12.4	.0	.0	.0	.0	32.6	14.7	.0
Baraga............	8,386	13.3	3.8	1.8	.0	1.8	44.0	11.8	.0
Barry.............	46,055	3.5	.4	.0	.0	.0	33.7	10.3	1.4
Bay...............	117,938	11.0	.5	.0	.0	.2	20.0	8.9	4.6
Benzie............	11,163	8.6	.0	2.1	.0	.0	27.0	11.1	6.5
Berrien...........	166,759	10.4	2.2	.4	.0	.0	22.3	10.8	6.9
Branch............	39,448	10.1	.0	.0	.0	.0	32.7	11.8	.3
Calhoun...........	138,849	10.9	2.4	.3	.0	.1	21.4	10.5	7.2
Cass..............	48,698	7.6	1.8	.5	.0	.0	27.4	12.3	5.9
Charlevoix........	19,742	8.6	4.3	1.0	.0	.0	21.5	10.8	2.2
Cheboygan.........	20,665	5.8	.0	.0	.4	.0	22.0	23.0	3.4
Chippewa..........	29,155	9.1	2.3	.0	.5	.0	9.9	13.4	4.5
Clare.............	24,190	13.7	1.0	.0	.0	.0	30.5	11.6	4.1
Clinton...........	55,536	7.0	.4	.0	.0	.0	24.6	12.4	2.1
Crawford..........	9,740	5.6	2.1	2.4	.0	.0	32.6	11.6	.0
Delta.............	39,005	11.5	.0	.0	.0	.0	22.4	15.0	1.0
Dickinson.........	25,629	9.3	.9	.0	.0	.0	19.4	13.7	1.9
Eaton.............	88,348	4.9	.8	.0	.0	.2	22.1	9.5	3.6
Emmet.............	23,284	10.4	1.1	1.8	.0	.6	26.7	14.2	.8
Genesee...........	440,971	10.6	2.8	.4	.0	.1	20.5	11.7	11.5
Gladwin...........	20,677	9.2	.5	.0	.0	.0	26.6	11.3	3.5
Gogebic...........	19,400	9.0	.0	.0	1.2	.0	19.2	11.5	2.9
Grand Traverse....	55,990	7.1	1.4	.0	.0	.0	28.7	12.9	1.8
Gratiot...........	39,703	5.3	.0	.0	.0	.0	22.8	11.0	1.6
Hillsdale.........	41,625	5.9	.0	.3	.0	.0	27.7	14.5	3.6
Houghton..........	37,621	16.0	2.8	.2	.2	.9	13.9	9.1	1.0
Huron.............	36,315	9.7	.7	.0	.0	.0	31.6	12.3	2.8
Ingham............	271,827	7.8	1.6	.4	.0	.2	14.0	11.8	3.9
Ionia.............	52,075	9.4	.8	.4	.0	.0	30.4	11.2	2.1
Iosco.............	29,440	14.1	3.9	1.3	.0	.0	25.6	11.4	3.5
Iron..............	13,813	9.5	2.6	.0	.0	.0	18.3	16.0	.0
Isabella..........	53,998	7.1	.0	.0	.0	.0	20.4	7.0	2.9

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985 -Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Worcester.........	13.4	2.4	0.0	0.0	0.4	16.1	20.1	30.2	40	12	48	16
Baltimore City....	25.9	17.2	1.4	.4	.1	43.7	38.7	57.0	95	1	97	1
Massachusetts.......	16.0	3.0	.5	.2	.2	19.7	15.5	25.0	-	-	-	-
Barnstable........	14.9	3.5	.3	.3	.3	18.3	17.2	27.4	27	5	59	10
Berkshire.........	15.1	4.1	1.0	.0	.2	20.0	15.9	25.5	19	8	67	6
Bristol...........	15.4	2.4	.3	.0	.1	18.5	14.9	24.3	14	11	60	8
Dukes.............	18.6	3.0	.0	.0	.0	21.6	18.2	29.3	33	3	73	4
Essex.............	16.4	3.5	.3	.2	.2	20.2	15.4	25.1	17	10	68	5
Franklin..........	12.2	3.1	1.4	.5	.3	17.8	18.2	27.5	29	4	57	12
Hampden...........	16.7	4.2	.9	.1	.1	22.0	16.3	26.3	22	6	74	3
Hampshire.........	13.7	3.6	.3	.2	.2	17.4	13.9	22.7	10	12	56	13
Middlesex.........	15.8	2.2	.6	.1	.3	18.7	13.6	22.4	9	13	61	7
Nantucket.........	43.1	6.4	.0	.0	.0	49.6	34.2	58.7	94	1	98	1
Norfolk...........	12.3	1.3	.3	.2	.2	14.1	12.8	20.4	5	14	37	14
Plymouth..........	15.7	2.3	.3	.1	.1	18.3	15.8	25.3	19	9	60	9
Suffolk...........	23.5	5.7	.8	.4	.2	30.7	21.9	35.2	56	2	90	2
Worcester.........	14.0	3.0	.7	.2	.2	18.1	16.3	25.7	21	7	59	11
Michigan............	19.4	4.5	1.0	.2	.4	24.9	22.5	35.4	-	-	-	-
Alcona............	9.1	3.9	1.1	.0	.0	14.1	20.1	29.7	39	38	37	66
Alger.............	12.7	5.2	3.1	.0	.0	21.0	22.9	32.6	52	17	71	33
Allegan...........	10.8	2.4	.0	.2	.0	13.4	16.5	24.8	19	71	33	72
Alpena............	15.5	3.1	.7	.9	.7	19.5	18.3	28.7	32	48	65	40
Antrim............	6.9	6.0	.4	.0	.0	13.3	18.1	25.7	24	62	32	73
Arenac............	20.0	3.1	.0	.0	.0	20.7	21.7	34.5	54	14	69	35
Baraga............	16.9	10.1	4.7	.0	4.7	36.4	33.7	47.7	88	3	95	6
Barry.............	6.4	4.1	.3	.0	.5	11.1	18.7	26.2	27	58	21	79
Bay...............	15.0	1.2	.0	.2	.2	16.5	17.6	28.0	29	55	51	57
Benzie............	14.6	.9	2.1	.0	.0	16.7	22.2	32.8	51	20	52	55
Berrien...........	16.4	4.9	1.4	.2	.0	22.5	21.7	32.8	50	23	75	26
Branch............	15.1	3.8	.0	.8	.0	19.7	20.4	31.5	44	33	65	39
Calhoun...........	15.9	5.8	1.2	.2	2.4	24.4	21.7	33.0	50	21	81	21
Cass..............	10.2	6.5	.9	.0	.9	17.4	22.1	32.3	49	24	56	49
Charlevoix........	14.7	6.0	3.4	.0	1.2	23.5	21.1	30.4	43	35	79	23
Cheboygan.........	9.1	1.7	1.3	.4	.0	12.1	18.2	28.3	31	52	27	74
Chippewa..........	20.2	5.9	.0	.5	.0	26.6	15.5	24.5	16	75	85	13
Clare.............	23.2	3.0	.0	.0	.0	26.3	23.7	37.1	62	7	84	14
Clinton...........	9.7	1.7	.4	.0	.0	11.5	17.0	25.9	23	66	23	78
Crawford..........	14.0	11.0	9.8	.0	.0	34.8	22.8	31.4	49	25	94	8
Delta.............	14.9	1.1	.0	.0	.0	15.5	17.6	29.0	31	51	45	60
Dickinson.........	16.0	2.9	.9	.0	.0	18.8	16.5	26.3	22	68	62	43
Eaton.............	8.6	1.8	1.1	.1	.2	11.8	15.9	23.3	14	78	24	76
Emmet.............	16.5	3.6	4.3	.0	.6	25.7	22.1	33.3	52	18	84	16
Genesee...........	14.9	6.3	1.0	.1	.4	22.5	24.1	36.0	61	10	75	25
Gladwin...........	16.5	1.6	.0	1.7	.0	18.1	19.3	29.8	38	40	59	46
Gogebic...........	15.4	6.7	.6	1.2	.0	21.8	16.7	26.1	22	67	74	29
Grand Traverse....	8.9	3.9	1.7	.0	.4	14.9	19.8	29.3	38	41	42	64
Gratiot...........	8.2	.9	.5	.0	.0	9.7	14.7	22.2	10	80	14	81
Hillsdale.........	10.1	3.4	.7	.0	1.0	13.6	19.0	28.3	33	46	34	71
Houghton..........	22.6	11.1	2.7	1.3	.9	37.0	18.9	30.8	39	39	95	5
Huron.............	16.6	4.2	.0	.0	.0	20.1	21.7	32.9	50	22	67	37
Ingham............	12.8	4.0	1.2	.0	.2	18.0	15.5	23.9	15	77	59	47
Ionia.............	14.0	5.4	1.1	.0	.0	20.3	21.0	31.7	46	28	68	36
Iosco.............	23.4	7.6	1.6	.0	.0	31.0	25.6	38.6	68	6	91	9
Iron..............	15.5	5.2	.0	.0	.0	22.0	17.3	27.2	26	61	74	28
Isabella..........	9.7	1.0	.2	.0	.0	11.0	14.3	22.1	9	81	20	80

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Jackson	147,422	8.5	1.7	0.3	0.1	0.3	19.7	12.3	5.8
Kalamazoo	212,704	8.2	.5	.5	.3	.2	15.6	11.5	3.7
Kalkaska	11,210	5.4	5.2	.0	.0	.0	19.1	18.2	.0
Kent	453,406	8.9	1.8	.2	.0	.0	17.1	9.0	5.4
Keweenaw	2,009	37.5	.0	.0	.0	.0	24.7	47.1	.0
Lake	8,159	16.1	.0	.0	.0	.0	39.3	16.1	6.8
Lapeer	69,374	9.0	.0	.3	.0	.0	32.4	11.9	2.0
Leelanau	14,281	7.8	1.7	.0	.0	.0	32.7	14.0	2.0
Lenawee	88,910	5.4	1.0	.6	.2	.2	22.2	13.2	1.8
Livingston	99,865	7.5	1.6	.5	.2	.3	27.2	10.0	1.6
Luce	6,243	8.1	1.7	.0	.0	.0	11.2	17.9	4.3
Mackinac	10,205	6.2	3.0	.0	.0	.0	35.0	8.9	.0
Macomb	689,885	11.7	1.4	.3	.0	.0	14.5	11.6	4.6
Manistee	22,561	10.4	1.5	1.1	1.0	.0	12.3	14.1	.0
Marquette	72,924	11.6	1.2	.0	.2	.0	14.8	14.9	1.0
Mason	26,114	6.6	2.2	.0	.0	.0	30.2	15.6	2.6
Mecosta	36,922	8.3	.9	.0	.0	.0	15.6	9.7	3.6
Menominee	26,069	11.1	.6	1.0	1.0	.0	21.6	12.9	6.6
Midland	73,805	5.9	.8	.0	.0	.3	16.0	8.6	1.3
Missaukee	10,352	1.1	.0	.0	.0	.0	42.3	6.9	4.6
Monroe	132,386	7.6	.9	.2	.2	.0	22.4	12.8	3.5
Montcalm	48,819	6.6	.8	.8	.0	.0	30.9	12.6	1.1
Montmorency	7,678	2.4	.0	3.1	.0	.0	41.3	16.6	.0
Muskegon	156,507	9.1	1.6	.3	.0	.1	19.5	11.1	5.4
Newaygo	35,637	5.5	1.6	.0	.0	.6	29.8	7.8	1.1
Oakland	1,007,995	8.8	.9	.2	.0	.0	17.5	12.2	5.1
Oceana	22,157	8.5	2.8	.0	.0	.0	31.9	10.9	6.0
Ogemaw	16,929	6.5	2.2	.0	.6	.0	28.4	16.1	5.5
Ontonagon	9,738	16.4	.0	.0	1.4	.0	16.3	8.4	1.4
Osceola	19,565	8.5	.0	1.3	.0	.0	22.8	11.1	9.0
Oscoda	6,896	17.6	.0	.0	.0	.0	47.4	5.2	3.4
Otsego	15,113	7.7	.0	1.4	.0	.0	22.4	12.1	2.8
Ottawa	160,805	4.6	1.0	.0	.0	.1	19.9	6.3	.7
Presque Isle	14,054	13.9	.0	.0	.0	.0	17.7	12.9	8.4
Roscommon	17,440	4.0	2.4	1.6	.4	.0	27.8	9.7	1.6
Saginaw	222,258	11.2	1.5	.8	.2	.0	17.8	10.8	12.6
St. Clair	138,252	12.5	.9	.1	.4	.1	24.7	9.6	2.5
St. Joseph	56,812	7.6	.0	.4	.0	.0	28.4	11.0	3.5
Sanilac	40,161	6.7	.0	1.2	.0	.0	28.9	11.8	1.4
Schoolcraft	8,508	16.3	2.0	.0	.0	.0	16.7	17.8	.0
Shiawassee	69,711	6.6	1.5	.6	.0	.0	21.9	12.4	2.5
Tuscola	55,789	5.4	.3	1.6	.0	.0	30.5	6.6	.8
Van Buren	66,319	8.1	1.6	.3	.3	.0	31.0	16.3	5.4
Washtenaw	262,050	8.2	1.8	.1	.2	.0	13.5	13.5	4.5
Wayne	2,251,713	25.5	2.2	.6	.2	.0	14.4	13.2	29.0
Wexford	25,612	6.9	.9	1.9	.0	.0	30.9	14.7	2.8
Minnesota	4,124,752	7.3	1.3	.2	.1	.2	17.7	10.3	2.2
Aitkin	13,346	7.9	.4	.0	.0	.0	54.8	10.9	.6
Anoka	203,781	7.7	1.3	.2	.0	.0	18.1	10.5	.8
Becker	29,391	8.3	1.0	.0	.0	.0	37.6	8.6	3.1
Beltrami	31,960	9.9	1.5	.0	.0	.0	30.1	11.0	3.2
Benton	25,836	6.2	.8	1.1	.0	.0	28.3	6.1	2.7
Big Stone	7,677	2.7	.0	.0	.0	.0	32.7	3.1	3.5
Blue Earth	51,756	9.0	1.6	.0	.0	.0	13.3	7.5	.6
Brown	28,603	5.4	.2	.9	.0	.6	21.8	10.3	.7
Carlton	30,060	9.0	1.5	.4	.0	.0	17.5	13.9	3.1
Carver	38,360	9.6	1.4	.0	.0	.6	15.4	12.0	1.5

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirr-hosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Per-centile)	Rank in State	Rank in U.S. (Per-centile)	Rank in State
							Mini-mum	Maxi-mum				
Jackson	13.7	4.1	1.3	0.2	0.3	19.4	19.4	29.3	36	42	64	41
Kalamazoo	11.4	2.0	1.1	.3	.3	14.5	15.4	24.2	16	76	39	65
Kalkaska	17.5	13.4	1.4	.0	.0	29.6	19.1	27.2	31	53	89	10
Kent	13.1	5.3	.6	.0	.2	18.8	17.2	26.3	24	64	62	44
Keweenaw	42.5	11.1	.0	.0	.0	51.0	35.2	66.1	96	1	98	1
Lake	26.4	.9	.0	.0	.0	27.3	29.5	46.4	83	4	86	11
Lapeer	15.4	1.8	1.5	.0	.0	18.4	20.9	31.7	45	29	60	45
Leelanau	11.7	1.7	1.3	.0	1.7	16.3	22.3	32.9	52	19	49	58
Lenawee	8.4	2.0	1.1	.4	.2	12.0	17.0	24.9	20	70	25	75
Livingston	11.9	3.8	1.0	.2	.7	17.1	19.8	28.8	36	43	54	50
Luce	22.7	5.1	.0	.0	15.6	43.3	15.3	24.7	16	74	97	2
Mackinac	7.0	8.9	.0	.0	.0	14.9	22.1	30.8	46	27	42	63
Macomb	17.0	4.2	.5	.1	.2	21.6	17.2	27.8	28	57	73	32
Manistee	17.4	2.8	2.4	1.0	.0	23.7	15.8	25.1	18	72	79	22
Marquette	19.7	3.9	2.1	.2	1.4	25.7	15.8	26.4	21	69	83	17
Mason	11.0	3.0	.8	.0	.0	15.1	21.9	31.9	48	26	43	62
Mecosta	13.3	3.8	.9	.4	.9	18.9	14.5	22.9	11	79	62	42
Menominee	16.8	6.3	2.9	1.0	.0	26.0	21.9	33.6	52	16	84	15
Midland	8.1	1.9	.7	.3	.8	11.5	12.6	19.2	4	82	23	77
Missaukee	2.2	.0	2.2	.0	.0	4.4	21.8	29.0	41	36	1	83
Monroe	13.3	6.2	6.7	.3	.0	24.9	18.0	27.3	28	56	82	18
Montcalm	10.6	1.3	1.6	.0	.0	13.9	20.4	29.6	40	37	36	69
Montmorency	10.6	.0	3.1	.0	.0	13.7	24.8	33.4	58	11	35	70
Muskegon	13.5	6.1	.7	.1	2.6	21.8	18.6	28.5	32	49	74	30
Newaygo	9.5	6.2	.0	.0	.6	16.3	19.0	26.7	29	54	49	59
Oakland	13.2	2.4	.6	.0	.5	16.5	16.9	26.5	24	65	51	56
Oceana	11.0	8.7	3.1	.0	1.6	24.4	24.7	35.7	62	8	81	20
Ogemaw	14.0	2.2	1.5	.6	.0	16.9	23.2	33.5	55	13	53	52
Ontonagon	27.2	8.1	.0	1.4	2.1	37.4	17.3	29.7	32	50	95	4
Osceola	16.7	2.8	2.4	.0	.0	22.0	20.8	31.3	44	32	74	27
Oscoda	23.4	3.5	.0	.0	.0	26.9	29.8	45.9	83	5	85	12
Otsego	12.4	1.5	1.4	.0	1.6	16.9	17.7	26.9	27	60	53	51
Ottawa	6.9	1.6	.4	.0	.4	9.2	12.9	18.8	4	83	12	82
Presque Isle	17.4	2.2	.0	.9	2.0	20.9	19.7	32.7	44	30	70	34
Roscommon	8.9	7.2	3.2	.4	.5	19.8	20.4	27.5	34	45	66	38
Saginaw	17.9	4.3	1.3	.3	.2	23.1	22.7	34.7	56	12	78	24
St. Clair	20.6	3.5	.9	.4	.1	24.8	20.1	31.6	43	34	82	19
St. Joseph	10.3	2.8	.8	.0	.0	14.1	19.3	29.0	35	44	37	68
Sanilac	13.0	2.5	1.2	.0	.4	16.8	19.1	28.1	33	47	52	54
Schoolcraft	25.8	6.9	2.7	.0	.0	35.4	19.3	33.0	44	31	94	7
Shiawassee	11.3	2.0	.6	.5	.6	14.1	17.6	26.0	24	63	37	67
Tuscola	11.6	1.7	2.0	.0	.0	15.3	18.7	26.2	27	59	44	61
Van Buren	12.1	4.3	1.6	.3	.0	18.0	24.4	35.8	62	9	58	48
Washtenaw	11.1	5.3	.5	.2	.2	16.9	16.0	25.0	18	73	53	53
Wayne	36.2	6.3	1.1	.3	.2	43.3	35.8	58.3	94	2	97	3
Wexford	10.2	5.2	6.2	.0	.0	21.7	22.9	33.1	53	15	73	31
Minnesota	11.2	4.4	1.3	.2	.9	17.3	15.4	23.4	-	-	-	-
Aitkin	8.9	4.3	.0	.0	.0	14.0	29.1	41.4	77	3	36	50
Anoka	12.2	3.1	.4	.3	.5	15.8	14.7	22.8	11	55	47	38
Becker	11.8	6.9	.8	.0	.8	19.7	23.3	33.9	56	6	65	17
Beltrami	14.0	7.4	2.0	.7	2.7	24.6	21.9	32.9	50	8	81	5
Benton	9.2	5.9	1.1	.8	1.1	17.2	18.7	26.7	28	22	55	2B
Big Stone	3.9	3.1	.0	.0	.0	5.8	17.1	23.3	17	38	3	86
Blue Earth	12.7	4.1	.9	.2	.0	17.0	12.7	20.4	5	74	54	29
Brown	9.5	2.7	2.5	.0	.6	14.7	15.4	22.6	12	51	41	45
Carlton	12.6	6.0	1.8	.0	.0	19.8	17.2	26.9	25	25	65	16
Carver	15.3	2.2	.0	.0	.6	18.1	15.5	24.7	16	39	59	21

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Cass	21,336	6.6	0.9	0.0	1.1	0.0	53.4	15.2	4.6
Chippewa	14,770	8.9	2.5	.0	.0	.0	19.2	7.7	1.9
Chisago	26,671	6.7	1.5	.0	.2	.0	24.3	14.5	1.5
Clay	48,870	5.0	1.0	.0	.4	1.4	13.4	5.8	3.3
Clearwater	8,820	1.8	1.2	.0	.0	.0	32.9	11.5	2.1
Cook	4,104	.0	14.2	.0	.0	.0	11.1	19.2	4.4
Cottonwood	14,608	5.4	.0	.0	.0	.0	17.7	9.2	.0
Crow Wing	42,473	7.3	1.0	.0	.0	.0	26.3	14.7	2.6
Dakota	205,247	7.4	1.5	.4	.2	.0	17.0	9.7	.9
Dodge	15,056	1.9	.0	1.4	.0	.0	43.0	12.2	1.2
Douglas	28,431	6.0	2.0	.6	.0	.9	19.9	13.3	.8
Faribault	19,183	4.8	.0	.0	.0	.0	26.6	4.5	.0
Fillmore	21,826	2.4	1.8	.0	.0	.0	24.5	10.3	2.4
Freeborn	35,771	5.1	.6	.0	.0	.0	22.5	7.9	2.0
Goodhue	39,064	3.7	.9	.0	.0	.0	27.6	10.3	2.1
Grant	7,047	2.9	3.2	.0	.0	.0	24.5	3.5	.0
Hennepin	957,419	8.7	1.9	.3	.1	.5	11.2	12.6	3.9
Houston	18,835	6.3	.2	.0	.0	.0	32.2	7.7	.0
Hubbard	14,201	5.8	1.2	1.6	.0	.0	32.8	3.5	.0
Isanti	24,110	1.8	2.1	.0	.0	.0	29.3	7.0	.8
Itasca	42,772	8.0	.9	.0	.2	.0	29.4	8.5	.7
Jackson	13,689	10.7	.0	.0	.0	.0	12.0	1.8	.0
Kanabec	12,332	9.3	.9	.0	.0	.0	39.2	14.9	4.1
Kandiyohi	37,450	6.0	1.3	.6	.0	.0	26.1	5.4	1.3
Kittson	6,608	4.4	.0	.0	.0	.0	41.8	7.9	.0
Koochiching	16,917	8.6	1.7	.0	1.9	.0	19.5	20.4	1.3
Lac Qui Parle	10,473	5.9	.0	.0	2.3	.0	38.4	6.2	.0
Lake	12,320	9.2	2.5	.0	.0	.0	18.4	12.2	1.0
Lake of the Woods	3,804	12.0	.0	.0	.0	.0	43.7	33.9	.0
Le Sueur	23,508	3.6	1.7	.0	.0	.0	20.7	6.1	3.3
Lincoln	7,983	2.3	2.8	.0	.0	.0	24.9	1.7	.0
Lyon	25,264	7.3	1.1	.0	.0	.0	17.2	14.5	1.0
McLeod	30,183	2.3	2.1	.0	1.7	.0	20.6	9.5	.0
Mahnomen	5,475	5.4	.0	.0	.0	.0	48.9	6.8	9.6
Marshall	12,703	9.5	.0	.0	.0	.0	19.0	9.6	.0
Martin	24,859	2.7	.0	.0	.0	.0	22.7	5.6	.0
Meeker	20,886	4.8	.5	.0	.0	.0	32.8	8.6	.0
Mille Lacs	18,641	4.5	1.1	.0	.0	.0	25.7	8.4	1.2
Morrison	29,698	11.7	2.1	.9	.0	1.7	22.0	6.7	1.5
Mower	40,171	4.8	1.0	.0	.3	.0	15.7	6.8	.5
Murray	11,232	6.5	1.2	.0	.0	.0	12.7	7.6	.0
Nicollet	27,132	4.3	.4	.9	.0	.0	18.7	8.8	.0
Nobles	21,580	4.6	.3	.0	.0	.0	22.7	8.4	2.1
Norman	9,013	3.6	.0	.0	.0	3.1	25.3	11.8	.0
Olmsted	94,487	4.0	1.1	.5	.0	.2	18.6	10.2	2.4
Otter Tail	52,051	9.7	1.5	.5	.4	.0	26.5	8.9	.4
Pennington	14,600	7.0	1.9	.0	.0	.0	24.5	9.0	1.5
Pine	20,413	3.0	1.7	.0	.0	.0	27.9	6.2	2.7
Pipestone	11,500	3.8	.8	.0	.0	.0	21.4	7.8	7.1
Polk	34,321	6.5	.0	.3	.0	.7	24.4	6.7	.8
Pope	11,602	5.6	.0	.0	.0	1.2	27.9	5.4	.0
Ramsey	464,710	8.7	1.2	.2	.1	.3	11.1	10.9	3.8
Red Lake	5,343	9.2	.0	.0	.0	.0	17.6	.0	.0
Redwood	19,164	1.3	1.4	.0	.0	.0	28.3	8.6	1.2
Renville	20,137	5.0	3.1	.0	.0	.0	21.0	8.9	.0
Rice	46,665	7.4	.7	.5	.5	.0	17.7	9.3	2.3
Rock	10,677	2.0	.0	.0	.0	.0	12.8	6.9	.0
Roseau	12,645	.3	.0	.0	.0	.0	28.9	10.5	.0
St. Louis	214,321	11.8	2.4	.4	.1	.0	18.3	13.5	1.5
Scott	45,775	9.0	.5	.0	.0	.0	18.1	9.6	2.3

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Cass	9.7	6.3	2.6	1.1	3.8	21.8	32.3	45.1	85	1	74	8
Chippewa	14.3	5.2	1.0	.0	1.0	21.0	16.6	25.1	20	34	71	10
Chisago	11.4	2.8	1.5	.2	1.7	17.5	18.2	27.2	28	21	56	26
Clay	6.9	5.9	1.4	.5	3.5	16.9	13.2	19.0	4	76	53	30
Clearwater	1.8	4.3	2.8	.0	1.2	10.1	19.0	25.9	27	23	15	78
Cook	6.1	23.4	2.1	.0	.0	31.6	24.8	30.0	50	7	91	1
Cottonwood	8.1	1.9	.0	.0	1.9	11.8	11.5	17.9	2	79	25	70
Crow Wing	11.6	2.7	1.2	.0	1.4	16.6	19.2	29.0	35	17	51	32
Dakota	10.9	4.4	1.3	.2	.3	16.3	14.6	22.3	10	58	49	34
Dodge	3.3	.7	2.6	.0	.0	6.6	23.2	31.3	50	9	5	85
Douglas	6.2	6.7	.6	.0	1.8	15.3	17.3	25.2	22	31	44	40
Faribault	5.6	4.0	.7	.5	.0	10.1	14.0	20.3	6	69	15	79
Fillmore	3.2	6.9	3.1	.0	.7	13.2	16.3	22.4	13	46	32	55
Freeborn	7.3	2.0	1.3	.4	.0	11.1	14.7	21.6	9	61	21	72
Goodhue	8.2	5.7	3.0	.0	1.6	17.9	17.0	24.1	19	35	58	23
Grant	9.9	3.2	2.1	.0	.0	15.2	15.4	20.3	8	63	43	42
Hennepin	13.4	5.4	1.6	.3	.9	20.8	15.4	24.1	15	43	70	12
Houston	8.9	.8	1.9	.6	.0	12.3	17.8	26.1	25	26	28	63
Hubbard	9.3	4.0	1.6	.0	.0	15.0	19.6	27.0	31	20	42	44
Isanti	4.5	3.7	.0	.0	1.9	9.4	17.0	22.5	15	44	12	80
Itasca	12.4	6.1	1.5	.2	1.3	20.9	18.8	27.9	31	19	70	11
Jackson	12.7	1.8	1.6	.0	.0	14.3	9.8	17.2	1	85	38	48
Kanabec	12.6	6.7	.0	.0	2.0	21.4	26.2	38.7	69	5	72	9
Kandiyohi	8.1	1.3	1.0	.0	.0	10.9	16.9	24.2	19	36	20	73
Kittson	12.0	.0	7.4	.0	.0	19.4	20.9	29.2	40	13	64	18
Koochiching	9.7	9.2	2.7	1.9	.0	20.7	20.0	30.5	41	12	69	13
Lac Qui Parle	10.0	2.7	.0	2.8	.0	13.3	22.1	30.6	45	10	32	54
Lake	15.1	7.4	1.0	.7	.0	22.9	17.0	26.2	23	30	77	7
Lake of the Woods	17.7	.0	.0	.0	6.6	24.3	30.1	47.1	84	2	81	6
Le Sueur	8.7	6.9	.0	.0	.0	14.6	14.7	20.5	7	68	40	46
Lincoln	12.0	8.6	6.9	3.4	.0	30.9	14.6	18.9	5	73	91	3
Lyon	12.4	3.2	.5	.5	1.4	18.0	14.7	23.2	12	52	58	22
McLeod	4.5	7.3	.8	1.7	.0	12.6	15.2	20.3	8	64	29	61
Mahnomen	8.4	5.6	.0	.0	.0	14.0	28.6	39.8	75	4	36	49
Marshall	12.4	4.6	.9	.0	2.0	19.0	13.8	22.7	9	59	62	19
Martin	7.1	1.7	.0	.0	.0	8.8	11.7	16.6	2	82	10	81
Meeker	9.0	.8	2.3	.0	.0	12.1	18.0	25.7	24	27	26	66
Mille Lacs	9.5	3.6	.0	.0	1.4	14.5	16.0	22.9	14	45	40	47
Morrison	15.2	9.9	1.8	.4	2.6	27.5	20.7	30.8	43	11	86	4
Mower	8.3	5.4	.6	.3	.6	13.9	11.4	16.9	2	83	36	51
Murray	8.9	4.3	.0	.0	.0	13.2	10.8	17.0	2	84	32	56
Nicollet	8.9	1.0	.9	.0	.0	10.8	12.6	18.5	3	78	19	74
Nobles	10.1	1.3	1.2	.0	.0	12.7	14.4	21.1	8	65	30	60
Norman	8.7	1.6	1.6	.0	4.7	11.9	17.6	24.3	20	33	25	68
Olmsted	5.3	2.5	3.9	.0	.6	12.2	14.5	20.8	7	67	27	64
Otter Tail	11.9	3.8	1.4	.4	2.0	19.0	19.5	29.2	36	14	62	20
Pennington	10.7	5.6	2.2	1.3	.0	17.7	17.5	25.8	24	29	57	25
Pine	7.4	2.2	.8	.0	1.2	11.7	17.2	23.3	17	37	24	71
Pipestone	7.2	.8	.0	.0	.0	8.1	16.3	23.2	15	41	8	82
Polk	9.8	9.5	1.7	.8	1.4	20.2	15.6	23.1	13	47	67	14
Pope	8.0	6.6	1.2	.0	1.2	15.8	16.2	23.2	15	42	47	37
Ramsey	13.6	3.5	.6	.2	.4	17.8	14.0	22.4	9	60	57	24
Red Lake	12.8	.0	.0	.0	4.4	17.2	11.2	18.1	2	80	55	27
Redwood	2.4	3.2	.0	.0	.0	5.6	16.1	21.6	12	53	3	87
Renville	6.4	5.6	1.1	.0	.0	12.6	15.8	22.3	12	49	29	62
Rice	12.2	2.4	2.0	.5	.6	16.2	15.0	23.0	12	50	49	36
Rock	5.5	10.5	1.0	.0	.0	15.7	7.6	11.2	0	87	46	39
Roseau	6.0	1.4	.0	.0	.0	7.4	14.3	19.5	6	72	7	84
St. Louis	18.8	8.4	2.8	.3	3.3	31.1	18.9	29.8	36	16	91	2
Scott	12.0	1.8	.5	.0	.9	15.2	14.8	23.6	13	48	43	43

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Sherburne.........	31,242	9.1	0.0	0.4	0.0	0.0	21.2	11.5	2.2
Sibley............	15,357	1.1	.4	.0	.0	.0	29.2	6.8	.0
Stearns...........	110,471	5.2	.9	.1	.0	.1	21.2	7.6	.1
Steele............	30,110	8.3	.0	.6	.0	.0	9.9	7.2	.0
Stevens...........	10,957	9.8	.0	1.1	.0	2.6	6.8	2.6	.0
Swift.............	12,722	10.7	.8	.0	.0	.0	18.3	6.7	2.1
Todd..............	25,370	3.4	1.7	.0	.0	.0	25.2	5.6	2.2
Traverse..........	5,520	.0	5.0	.0	.0	5.0	16.9	1.7	.0
Wabasha...........	19,434	4.6	.0	.0	.0	.0	39.4	6.2	1.3
Wadena............	14,111	5.8	1.1	.0	.0	.0	18.5	8.1	3.4
Waseca............	18,388	7.1	.0	.0	.0	.0	20.2	5.5	.4
Washington........	118,685	5.7	.0	.0	.0	.0	18.0	8.8	1.9
Watonwan..........	12,278	3.2	.8	.0	.0	1.9	23.2	1.7	2.2
Wilkin............	8,229	9.6	.0	.0	.0	.0	32.2	5.5	.0
Winona............	46,431	7.0	1.6	.0	.0	.0	19.1	8.4	1.2
Wright............	60,343	7.1	.7	.4	.0	.0	27.9	8.1	1.3
Yellow Medicine...	13,387	2.6	.0	2.4	.0	.0	26.0	18.4	.0
Mississippi.........	2,566,775	7.6	1.9	.3	.3	.1	28.4	9.8	13.0
Adams.............	38,734	6.5	1.5	.0	2.4	.0	25.7	11.0	19.0
Alcorn............	32,741	7.3	1.6	.0	.0	.0	28.0	11.9	19.3
Amite.............	13,309	11.9	2.1	.0	.0	.0	53.2	6.3	10.8
Attala............	19,595	7.5	.0	.0	.3	.0	33.0	7.0	12.6
Benton............	8,394	5.0	.0	.0	.0	.0	49.9	5.6	13.5
Bolivar...........	45,443	8.9	2.9	.5	.0	.0	26.2	7.2	25.3
Calhoun...........	15,506	3.8	3.3	.0	.0	.0	38.1	16.0	16.1
Carroll...........	9,723	2.6	1.6	.0	.0	.0	18.5	10.0	5.3
Chickasaw.........	17,983	8.1	.0	.0	.0	.0	42.6	5.4	13.4
Choctaw...........	8,938	1.2	.0	.0	.0	.0	37.8	12.6	7.6
Claiborne.........	12,285	5.4	5.3	.0	.0	.0	33.6	5.0	19.1
Clarke............	16,935	10.1	1.4	.0	.0	.0	45.9	5.7	4.8
Clay..............	21,537	5.9	2.3	.0	.0	.0	25.8	6.1	6.1
Coahoma...........	36,317	11.4	3.3	.0	.0	.0	21.3	11.0	22.0
Copiah............	26,373	4.4	1.5	.0	.0	.0	32.0	15.6	19.1
Covington.........	16,059	9.8	2.7	.0	.0	.0	35.4	11.4	3.8
De Soto...........	56,876	4.4	.8	.0	.0	.0	28.0	8.6	6.3
Forrest...........	67,339	9.1	.8	.4	.7	.4	24.1	14.1	9.2
Franklin..........	8,415	2.8	.0	3.4	.0	.0	61.9	14.2	20.7
George............	15,749	5.9	.9	.0	1.7	.0	43.3	11.2	9.1
Greene............	9,658	9.6	.0	.0	.0	.0	46.4	9.2	5.0
Grenada...........	21,316	6.3	.0	.0	.0	.0	25.7	9.6	24.7
Hancock...........	27,293	12.4	1.1	.0	.0	.0	36.9	12.7	9.9
Harrison..........	164,182	10.3	3.4	.4	.4	1.0	22.3	14.3	8.7
Hinds.............	254,149	9.7	3.9	.4	.2	.0	19.2	10.6	18.6
Holmes............	23,218	9.4	1.4	1.4	.8	.0	40.9	11.0	19.3
Humphreys.........	13,954	.0	.0	2.2	.4	.0	45.3	6.1	14.5
Issaquena.........	2,376	.0	.0	.0	.0	.0	29.4	20.3	21.2
Itawamba..........	20,511	9.3	.0	.0	.0	.0	34.7	10.8	7.5
Jackson...........	123,119	8.8	1.1	.3	.3	.0	21.1	8.2	7.4
Jasper............	17,420	3.6	1.6	.0	.0	.0	41.2	8.3	9.7
Jefferson.........	9,068	6.8	.0	.0	.0	.0	49.6	10.3	17.8
Jefferson Davis...	14,183	1.7	2.0	.0	.0	.0	44.9	9.0	15.5
Jones.............	62,830	11.9	2.1	.4	.0	.3	21.9	10.6	11.6
Kemper............	10,212	2.9	4.7	.0	.0	.0	44.0	6.1	19.6
Lafayette.........	31,120	5.2	2.0	.0	.0	.0	20.4	8.7	8.6
Lamar.............	25,362	5.8	.0	.0	.0	.0	28.3	8.5	4.2
Lauderdale........	77,674	10.9	3.0	.6	1.1	.0	29.0	12.6	18.2
Lawrence..........	12,781	4.9	.0	1.9	.0	.0	39.6	4.3	9.3
Leake.............	18,942	4.2	2.8	.0	.0	.0	42.2	16.8	15.5

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Sherburne.........	11.1	2.2	0.4	0.0	0.7	13.7	16.4	26.0	21	32	35	52
Sibley............	4.8	.4	2.3	.0	.0	7.5	14.5	19.4	6	71	7	83
Stearns...........	8.4	3.8	1.0	.3	.7	12.8	13.8	20.3	6	70	30	59
Steele............	10.2	1.7	1.2	.0	.0	11.9	9.6	16.4	1	86	25	69
Stevens...........	10.4	4.4	2.6	.0	2.6	20.0	11.1	17.6	2	81	67	15
Swift.............	12.9	3.4	.0	.0	.0	15.2	15.2	24.5	16	40	43	41
Todd..............	5.9	4.7	2.1	.0	.0	12.1	15.8	21.8	11	54	26	65
Traverse..........	.7	5.0	5.0	.0	5.0	10.7	17.4	19.5	10	57	18	75
Wabasha...........	6.7	1.6	4.5	.0	1.1	12.9	20.3	28.4	36	15	31	58
Wadena............	6.0	3.2	1.1	.0	.0	10.3	14.5	21.6	9	62	16	77
Waseca............	8.2	3.7	.0	.0	1.4	12.0	12.7	19.7	5	75	25	67
Washington........	8.5	1.8	.0	.2	.0	10.5	12.6	19.4	4	77	17	76
Watonwan..........	8.2	4.8	1.7	.0	1.9	16.7	15.2	20.2	7	66	52	31
Wilkin............	13.1	.0	.0	.0	.0	13.1	18.6	28.3	32	18	32	57
Winona............	8.5	5.3	1.9	.4	.9	16.3	14.8	22.3	10	56	49	33
Wright............	11.5	2.1	2.8	.0	.3	16.3	18.0	26.5	26	24	49	35
Yellow Medicine...	6.7	4.6	2.4	.4	.0	13.7	18.1	25.5	24	28	35	53
Mississippi.........	11.2	4.4	1.0	.4	.4	16.8	25.7	36.8	-	-	-	-
Adams.............	11.8	4.1	.5	2.4	.6	17.1	28.5	39.9	75	35	54	20
Alcorn............	7.8	2.7	1.2	.0	.6	13.0	27.8	40.2	74	36	31	50
Amite.............	14.8	3.9	.0	.0	.0	16.6	35.6	50.8	91	3	51	21
Attala............	9.2	.8	.8	.3	1.2	12.4	24.5	35.5	61	58	28	53
Benton............	6.3	1.3	.0	.0	.0	7.5	30.4	41.8	79	22	7	76
Bolivar...........	10.1	4.7	1.0	.0	.0	14.2	31.4	44.7	83	13	38	36
Calhoun...........	4.8	3.3	1.5	.0	.0	9.6	31.7	43.4	82	14	13	70
Carroll...........	2.6	2.6	1.6	.0	.0	6.8	14.9	21.0	8	82	5	77
Chickasaw.........	11.8	1.3	.0	.0	.0	13.1	28.6	40.9	76	30	31	48
Choctaw...........	4.4	.0	.0	.0	.0	4.4	22.4	30.7	46	67	1	80
Claiborne.........	5.4	8.1	3.1	.0	.0	16.6	31.6	42.3	81	16	51	22
Clarke............	14.7	6.7	.0	.0	.0	18.5	28.2	40.5	75	34	60	16
Clay..............	10.8	2.3	.0	.0	.0	13.1	19.6	27.7	33	76	31	49
Coahoma...........	16.6	6.2	.0	.0	.8	23.0	29.5	43.6	80	18	77	5
Copiah............	6.9	5.2	1.1	.0	.9	13.5	28.8	40.6	76	32	34	40
Covington.........	12.1	4.2	1.3	.0	.0	16.1	25.7	37.4	67	48	48	25
De Soto...........	7.8	1.8	.0	.0	.0	9.2	19.1	27.1	30	78	11	71
Forrest...........	12.2	4.7	1.3	.7	1.3	18.7	23.3	34.8	57	60	61	12
Franklin..........	2.8	.0	3.4	.0	.0	6.1	43.1	57.3	96	1	4	78
George............	9.5	3.1	.0	1.7	.0	14.3	29.7	41.1	78	26	38	35
Greene............	11.9	.0	1.4	.0	.0	13.3	27.6	40.3	74	37	32	45
Grenada...........	9.2	.4	.0	.0	.0	9.7	26.9	38.9	71	44	13	69
Hancock...........	16.8	2.4	.8	.0	.0	18.7	28.9	43.5	80	21	61	13
Harrison..........	17.4	8.1	5.3	.4	1.9	32.4	25.8	37.8	67	47	92	1
Hinds.............	14.5	8.3	.6	.5	.1	23.3	27.5	39.8	73	40	78	3
Holmes............	10.8	1.4	4.3	2.1	.0	18.7	35.9	50.6	91	2	61	15
Humphreys.........	6.6	4.7	2.2	.4	.0	15.5	29.6	38.1	74	38	45	27
Issaquena.........	.0	.0	.0	.0	.0	.0	26.4	36.7	67	49	...	...
Itawamba..........	12.3	.5	.0	.4	.0	13.2	24.1	36.0	61	57	32	46
Jackson...........	14.5	2.4	.7	.5	.2	17.5	19.4	29.1	36	74	56	18
Jasper............	6.1	4.4	.0	.2	.0	10.7	26.6	36.1	66	51	18	61
Jefferson.........	10.8	3.7	.0	.0	.0	14.4	34.0	47.9	88	5	39	34
Jefferson Davis...	3.8	5.2	.0	.0	.0	8.9	30.6	40.6	78	25	11	73
Jones.............	16.7	3.2	.6	.2	2.5	22.2	24.4	37.0	63	53	75	6
Kemper............	4.7	5.8	.0	.0	.0	10.4	34.8	45.6	87	6	17	62
Lafayette.........	9.1	6.1	.7	.5	1.6	16.1	18.5	26.5	27	80	49	24
Lamar.............	11.5	1.3	.8	.0	.0	13.5	17.9	26.3	26	81	34	41
Lauderdale........	15.4	10.2	1.1	1.5	.7	27.1	32.4	46.7	86	8	86	2
Lawrence..........	5.3	1.8	1.9	.0	1.9	10.9	25.8	35.1	63	54	20	59
Leake.............	6.4	4.2	1.4	.0	.0	12.0	32.9	45.4	85	9	25	54

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Lee...............	58,578	8.9	0.3	0.0	0.4	0.0	26.7	10.9	13.4
Leflore...........	41,829	8.6	.7	.5	.0	.0	27.0	6.1	18.9
Lincoln...........	30,625	10.3	.6	.0	.0	.0	29.7	9.0	16.9
Lowndes...........	58,810	6.2	2.8	.0	.0	.0	24.5	8.3	7.9
Madison...........	44,455	6.5	1.6	.0	.6	.0	19.6	9.1	17.4
Marion............	26,412	7.2	1.0	.0	.0	.0	40.3	5.0	22.0
Marshall..........	31,041	2.7	4.2	.0	.0	.0	45.6	7.3	17.7
Monroe............	36,731	4.4	2.3	.0	.7	.0	33.2	5.6	8.1
Montgomery........	13,105	3.9	.0	.0	.0	.0	32.4	9.4	28.3
Neshoba...........	24,041	9.3	2.8	.0	.0	.0	34.5	14.0	11.3
Newton............	20,073	7.9	.0	1.0	.0	.0	29.6	6.0	24.2
Noxubee...........	13,111	9.1	3.0	.0	.0	.0	15.9	.0	16.1
Oktibbeha.........	36,498	7.1	2.2	.8	.3	.0	18.5	7.9	9.8
Panola............	28,654	6.0	4.4	.0	.6	.9	27.6	10.4	9.8
Pearl River.......	36,138	5.2	.9	1.8	.0	.0	29.8	10.7	7.8
Perry.............	10,177	6.4	.0	.0	.0	.0	52.8	10.0	2.3
Pike..............	36,593	12.4	.0	.0	.0	.0	34.4	7.2	18.8
Pontotoc..........	21,488	2.0	.0	.0	.0	.0	38.7	10.8	9.1
Prentiss..........	24,473	3.8	2.1	.0	.0	.0	35.4	8.2	8.5
Quitman...........	11,974	2.2	.0	.0	.0	.0	31.2	4.2	19.9
Rankin............	73,849	5.1	1.7	.6	.0	.0	27.2	9.8	6.8
Scott.............	25,026	4.0	3.7	.0	.0	.0	45.7	5.0	16.3
Sharkey...........	7,998	5.5	1.7	.0	.0	3.0	24.0	6.9	15.1
Simpson...........	23,867	6.9	4.0	.9	.0	.0	47.6	8.9	7.5
Smith.............	15,094	7.9	.0	.0	.0	.0	41.6	8.5	9.6
Stone.............	9,855	8.7	.0	.0	.0	.0	24.7	10.8	3.4
Sunflower.........	35,765	4.0	1.7	.0	.0	.0	22.6	7.0	14.3
Tallahatchie......	16,735	9.6	2.7	.0	.0	.0	31.3	8.4	18.3
Tate..............	20,759	3.4	.0	.8	1.4	.0	24.8	9.6	8.1
Tippah............	18,819	2.3	.0	1.4	.0	.0	34.5	9.2	5.0
Tishomingo........	18,243	1.5	.0	.0	.0	.0	53.1	8.6	14.2
Tunica............	9,509	6.5	.0	.0	.0	.0	37.5	9.3	18.8
Union.............	21,791	7.0	.3	.0	.0	.0	34.6	17.7	5.6
Walthall..........	13,639	7.0	2.0	.0	.0	.0	41.2	7.3	9.3
Warren............	51,489	8.8	2.4	.0	.4	.0	26.8	8.9	12.8
Washington........	71,799	10.6	2.1	.5	.3	.0	23.3	8.0	16.0
Wayne.............	19,615	11.1	1.5	.0	.0	.0	43.7	8.2	4.8
Webster...........	10,419	5.8	1.4	.0	.0	.0	47.0	11.8	7.2
Wilkinson.........	10,229	6.2	.0	.0	.0	.0	34.2	12.7	19.1
Winston...........	19,287	5.0	.0	2.6	.9	.0	49.0	11.3	17.3
Yalobusha.........	13,205	6.2	1.9	.0	.0	.0	12.2	8.9	17.0
Yazoo.............	27,357	8.6	1.4	.0	.0	.0	26.2	9.9	21.7
Missouri............	4,963,519	7.2	1.2	.5	.1	.1	21.1	11.9	9.9
Adair.............	24,738	5.4	1.4	.0	.6	.0	15.8	10.4	.9
Andrew............	14,415	2.5	.0	.0	.0	.0	40.9	10.6	.0
Atchison..........	8,525	.0	.0	.0	.0	.0	16.7	.0	1.7
Audrain...........	25,944	5.7	.6	.0	.0	.6	15.6	10.3	4.4
Barry.............	25,210	7.5	.2	.0	.0	.0	34.4	13.6	2.5
Barton............	11,391	3.0	2.2	.0	.0	.0	28.1	13.5	.8
Bates.............	15,705	9.4	.0	.0	.0	.0	38.2	10.1	10.3
Benton............	12,133	12.3	1.7	.0	.0	.0	44.9	16.2	5.6
Bollinger.........	10,378	3.9	.0	.0	.0	.0	40.0	6.6	2.3
Boone.............	102,429	6.1	1.9	.4	.3	.0	13.7	13.9	3.0
Buchanan..........	86,916	6.0	.5	.2	.0	.0	17.0	13.3	4.7
Butler............	38,141	8.6	.4	.6	.0	.0	25.8	6.6	6.1
Caldwell..........	8,402	4.1	.0	.0	.0	.0	29.2	27.1	.0
Callaway..........	32,237	6.0	2.1	.0	.0	.0	22.1	19.9	5.2
Camden............	21,901	4.2	1.0	.0	.0	.0	48.2	12.2	4.0

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Lee	13.9	0.6	0.0	0.4	0.0	14.9	24.1	36.0	62	56	42	31
Leflore	9.8	2.9	1.5	.0	.0	14.1	26.3	38.1	69	46	37	37
Lincoln	12.8	2.2	.0	.0	.0	14.1	27.0	40.3	73	39	37	38
Lowndes	9.4	6.4	.4	.3	.0	15.3	21.0	29.8	41	69	44	28
Madison	9.2	4.1	.0	1.0	.0	11.7	23.1	33.3	54	63	24	55
Marion	7.5	3.1	.0	.0	.0	9.9	32.2	45.2	85	11	15	67
Marshall	5.0	4.2	.0	.0	.0	9.2	34.2	45.0	86	7	11	72
Monroe	6.7	5.0	.0	1.0	.0	11.0	23.6	32.0	53	65	20	57
Montgomery	5.8	4.0	.0	.0	.0	9.8	30.4	42.5	80	20	14	68
Neshoba	11.4	4.3	.0	.0	.0	15.7	29.2	42.3	78	23	46	26
Newton	9.2	1.9	1.0	.0	.0	10.2	29.3	42.0	78	24	16	64
Noxubee	9.1	3.0	.0	2.1	.0	14.1	20.9	30.3	42	68	37	39
Oktibbeha	9.8	5.6	2.1	.3	.3	17.1	20.2	29.1	38	73	54	19
Panola	9.4	12.8	.0	.6	.9	23.1	26.6	36.3	66	50	77	4
Pearl River	8.8	2.4	2.4	.0	.6	14.9	23.2	32.4	53	66	42	30
Perry	11.8	1.4	.0	.0	.0	13.2	27.9	39.3	73	41	32	47
Pike	18.0	2.9	.0	.2	.6	20.4	29.8	44.8	82	15	68	9
Pontotoc	3.0	.0	.8	.0	.0	3.8	23.5	32.3	53	64	1	81
Prentiss	5.8	3.8	.5	.0	.0	10.1	24.1	32.9	55	61	15	65
Quitman	5.3	.0	.0	.0	2.4	7.7	24.2	32.8	55	62	7	75
Rankin	8.6	3.1	.8	.3	.0	13.0	20.9	29.5	40	70	31	51
Scott	4.7	4.7	1.5	.0	.0	10.9	33.2	44.0	84	12	19	60
Sharkey	8.0	5.4	.0	.0	3.0	16.4	25.6	34.9	62	55	50	23
Simpson	9.8	4.9	.9	.0	.0	14.7	33.0	44.8	85	10	41	33
Smith	14.1	1.1	.0	.0	.0	15.2	26.9	38.9	71	43	44	29
Stone	9.8	1.5	.0	.0	.0	11.2	17.7	27.5	28	79	21	56
Sunflower	6.6	4.0	.0	.6	.0	10.0	20.9	29.1	40	71	15	66
Tallahatchie	12.3	3.4	1.7	.0	1.2	18.7	30.1	43.2	81	17	61	14
Tate	7.0	.0	3.8	2.7	.0	13.5	19.7	27.3	32	77	33	42
Tippah	5.0	1.3	2.8	.0	1.2	10.3	21.1	28.6	39	72	16	63
Tishomingo	4.5	.0	.0	.0	.0	4.5	31.3	41.8	80	19	1	79
Tunica	8.8	.0	.0	.0	.0	8.8	29.1	41.5	77	27	10	74
Union	8.7	2.4	.0	.0	1.6	12.7	23.9	35.5	60	59	30	52
Walthall	16.1	4.8	.0	.0	.0	18.8	28.0	39.1	73	42	62	11
Warren	12.5	4.6	1.3	.9	.0	19.4	25.5	36.9	65	52	64	10
Washington	15.1	5.9	1.5	.3	.0	20.7	26.2	38.5	69	45	69	7
Wayne	11.6	5.7	.0	.0	1.3	17.8	28.3	41.4	76	29	58	17
Webster	8.2	7.6	1.4	.0	.0	14.8	29.3	40.8	77	28	41	32
Wilkinson	9.6	3.8	.0	.0	.0	13.4	28.4	41.0	76	31	33	44
Winston	7.0	.5	2.6	.9	.0	11.0	36.5	49.4	91	4	20	58
Yalobusha	10.4	3.0	.0	.0	.0	13.5	19.3	28.4	34	75	33	43
Yazoo	14.5	4.5	.0	.6	.0	20.7	28.0	40.9	75	33	69	8
Missouri	10.6	2.7	3.7	.2	1.9	17.5	20.8	30.7	-	-	-	-
Adair	9.0	2.5	.0	.6	.0	11.6	13.3	19.9	5	110	23	38
Andrew	5.9	.0	.0	.0	.0	5.9	20.3	28.0	35	61	3	99
Atchison	1.8	.0	.0	.0	.0	1.8	7.8	9.9	0	115	0	114
Audrain	8.1	2.2	.0	.0	1.5	11.8	14.1	21.4	8	107	24	37
Barry	9.3	.5	1.1	1.0	.0	11.8	21.7	32.3	48	34	24	35
Barton	3.8	7.0	.0	.0	.0	10.8	18.3	25.4	24	80	19	54
Bates	18.0	.9	.0	.0	.0	19.8	26.7	39.5	72	9	66	7
Benton	12.8	2.6	.0	.0	.0	14.5	31.5	46.8	85	4	39	19
Bollinger	3.9	.9	.0	.9	.0	4.8	20.8	28.8	38	50	2	105
Boone	9.9	4.8	.9	.6	.9	17.1	15.1	22.8	12	103	54	12
Buchanan	9.2	1.4	.6	.3	.0	11.5	15.1	23.2	13	100	23	41
Butler	12.1	2.3	1.2	.0	.0	15.7	19.5	29.2	36	57	46	15
Caldwell	4.1	.0	.0	.0	.0	4.1	19.4	29.4	37	56	1	106
Callaway	6.4	5.4	.0	.0	.0	11.4	20.2	30.2	40	46	22	43
Camden	6.3	4.9	1.3	.0	1.0	13.5	27.3	37.6	69	11	33	25

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Cape Girardeau	59,268	4.1	0.4	0.0	0.0	0.0	15.1	9.5	3.0
Carroll	11,775	4.8	.0	2.2	.0	.0	31.2	7.1	4.0
Carter	5,627	6.3	.0	.0	.0	.0	27.1	23.5	7.4
Cass	52,977	4.7	1.2	.4	.4	.0	31.4	14.1	4.6
Cedar	12,009	.9	.0	.0	.0	.6	32.5	11.2	2.7
Chariton	10,369	.5	.0	.0	.0	.0	32.8	14.1	.0
Christian	23,665	5.6	1.4	.0	.0	.0	26.0	12.8	4.4
Clark	8,260	5.3	.0	.0	.0	.0	36.7	11.0	.0
Clay	139,432	6.4	.7	.4	.0	.0	21.6	13.5	2.9
Clinton	15,964	9.3	.0	.0	.0	.0	36.1	8.0	8.5
Cole	58,692	5.9	1.7	.7	.0	.0	19.1	12.4	5.4
Cooper	14,731	2.3	2.1	.0	.0	.0	13.6	13.5	.4
Crawford	18,569	8.3	.0	1.1	.0	.0	32.3	21.3	9.5
Dade	7,419	4.1	.0	.0	.0	.0	33.6	7.0	7.8
Dallas	12,318	3.2	2.1	.0	.0	.0	48.8	15.4	7.3
Daviess	8,733	1.5	.0	.0	.0	.0	30.4	9.5	3.7
De Kalb	8,161	5.3	2.8	.0	.0	.0	24.2	7.4	6.2
Dent	14,588	3.3	.0	.0	.0	.0	37.6	17.2	3.3
Douglas	11,939	3.2	1.3	.0	.0	.0	36.9	9.6	7.7
Dunklin	36,065	6.0	.0	.0	.7	.0	21.4	13.5	7.2
Franklin	73,560	4.6	.3	.0	.0	.0	34.0	10.3	3.1
Gasconade	13,284	6.6	.6	.0	.0	.0	42.3	9.2	.0
Gentry	7,828	2.1	.0	.0	.0	.0	36.9	7.0	.0
Greene	189,368	5.9	.6	.4	.3	.1	18.5	11.7	5.2
Grundy	11,677	4.4	.8	.0	.0	.0	23.0	8.3	.0
Harrison	9,798	5.5	.0	.0	.0	.0	38.4	18.7	.0
Henry	19,615	5.5	.0	1.2	.0	.0	29.8	16.8	5.3
Hickory	6,617	6.6	3.0	.0	.0	.0	22.3	17.0	7.0
Holt	6,768	4.7	4.6	.0	.0	.0	14.4	17.3	3.4
Howard	9,843	11.5	.0	1.7	.0	.0	28.1	4.7	.0
Howell	29,425	8.2	.0	1.4	.0	.0	21.6	7.6	2.0
Iron	11,196	4.4	3.3	.0	.0	.0	30.4	15.5	5.7
Jackson	631,335	9.6	2.2	1.3	.1	.0	19.5	14.1	17.8
Jasper	88,254	7.7	.3	.0	.3	.2	26.2	9.9	4.0
Jefferson	152,048	6.2	.1	.4	.2	.0	25.0	11.2	3.9
Johnson	38,393	6.6	1.1	.0	.0	.0	20.9	6.5	6.4
Knox	5,341	.0	.0	4.9	.0	.0	27.8	2.5	.0
Laclede	25,209	.3	1.3	1.0	.0	.0	27.1	18.9	7.2
Lafayette	29,898	3.5	.7	.0	.0	.0	32.2	7.6	5.2
Lawrence	29,394	4.9	.2	.0	.0	.9	33.6	14.2	.2
Lewis	10,887	4.3	1.0	2.3	.0	.0	21.2	7.7	.0
Lincoln	23,121	3.4	.0	.0	1.0	.0	40.5	8.4	5.4
Linn	15,399	5.1	1.7	1.8	.0	.0	25.6	6.5	3.5
Livingston	15,548	1.6	.0	.0	.0	.0	26.8	18.9	4.6
McDonald	15,293	5.8	.0	.0	1.0	.0	40.9	15.2	4.3
Macon	16,416	2.3	.0	.0	.8	.0	27.3	19.2	.0
Madison	10,840	6.6	.0	.0	.0	.0	35.0	11.9	1.6
Maries	7,743	3.8	.0	4.1	.0	.0	31.1	22.2	4.4
Marion	28,713	6.9	1.5	.0	.0	.0	20.9	7.5	.0
Mercer	4,536	7.4	6.2	.0	.0	.0	26.1	16.2	.0
Miller	19,407	4.9	1.4	.0	.0	.0	29.1	17.3	8.3
Mississippi	15,810	5.3	1.5	.0	.0	.0	33.3	15.8	10.1
Moniteau	12,374	5.9	.0	.0	.0	.0	24.3	6.3	5.3
Monroe	9,620	6.2	.0	.0	.0	.0	24.1	23.2	5.1
Montgomery	11,472	10.4	2.9	.0	.0	.0	30.4	16.2	2.3
Morgan	14,519	4.1	3.1	.0	.0	.0	23.1	5.7	7.2
New Madrid	22,688	5.6	1.8	.0	.0	.0	39.7	6.2	9.6
Newton	41,396	6.2	.0	.0	.0	.0	36.5	9.4	2.3
Nodaway	21,850	3.9	.0	.0	.0	.0	29.5	8.4	.6
Oregon	10,114	13.5	5.3	.0	.0	.0	42.5	6.2	2.8

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirr-hosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Per-centile)	Rank in State	Rank in U.S. (Per-centile)	Rank in State
							Mini-mum	Maxi-mum				
Cape Girardeau....	5.7	0.8	1.2	0.0	0.3	8.0	11.8	17.8	2	113	8	82
Carroll...........	4.8	2.9	2.2	.0	.2	8.0	20.5	28.4	37	55	8	83
Carter............	6.3	.0	.0	.0	.0	6.3	22.1	33.7	53	27	4	96
Cass..............	7.8	1.7	1.6	.4	.8	11.9	22.0	31.2	47	38	25	34
Cedar.............	4.3	.0	.0	.0	.6	4.9	18.1	24.5	22	84	2	103
Chariton..........	.5	1.0	.0	.0	.0	1.5	16.8	23.1	16	95	0	115
Christian.........	6.8	2.4	.0	.0	.0	9.1	19.2	28.0	33	64	11	71
Clark.............	7.3	.0	.0	.0	.0	7.3	19.8	28.6	35	60	6	89
Clay..............	9.0	2.7	1.1	.0	.0	12.9	16.9	25.5	21	85	31	29
Clinton...........	10.7	2.0	1.2	.0	.0	13.9	24.6	36.4	63	16	36	24
Cole..............	8.3	4.5	.7	.0	.3	13.3	17.8	26.1	25	79	33	26
Cooper............	4.4	3.8	.0	.0	.0	8.2	11.7	16.8	2	114	9	81
Crawford..........	11.7	.8	7.1	.0	.0	19.6	26.9	40.1	73	7	65	8
Dade..............	4.1	.0	.0	.0	.0	4.1	20.9	29.3	40	48	1	107
Dallas............	3.2	4.0	.0	.0	2.4	9.6	30.5	41.5	79	6	13	67
Daviess...........	7.1	.0	.0	.0	.0	7.1	17.0	23.4	17	94	6	91
De Kalb...........	8.7	2.8	.0	.0	.0	11.5	19.5	27.4	32	66	23	39
Dent..............	4.4	1.0	1.0	.0	1.5	6.9	22.1	31.5	48	36	5	92
Douglas...........	3.2	1.3	.0	.0	.0	6.5	23.6	32.4	53	24	5	94
Dunklin...........	8.2	2.2	.0	.7	.0	10.5	18.2	27.3	29	73	17	60
Franklin..........	7.5	1.4	3.3	.0	2.1	12.8	20.0	28.4	36	59	30	30
Gasconade.........	8.3	.6	.0	.0	.4	9.3	22.9	32.7	53	28	12	70
Gentry............	3.2	.0	.0	.0	.0	3.2	17.8	24.2	21	87	0	112
Greene............	7.7	2.2	.6	.3	.3	10.9	16.4	24.5	18	92	20	50
Grundy............	4.8	.8	.0	.0	.0	5.6	13.9	20.2	6	109	3	101
Harrison..........	7.9	.8	.0	.0	.0	8.7	22.1	32.5	50	33	10	77
Henry.............	7.2	3.6	1.2	.0	.0	12.0	21.9	31.9	48	35	26	33
Hickory...........	7.4	3.0	.0	.0	.0	10.4	21.7	31.8	48	37	17	61
Holt..............	4.7	4.6	.0	.0	.0	9.4	17.7	25.3	23	83	12	69
Howard............	14.2	.0	1.7	.0	.0	15.9	19.2	29.3	36	58	47	13
Howell............	8.5	.9	1.4	.0	.0	10.8	16.3	24.7	18	91	19	55
Iron..............	6.1	3.3	2.1	.0	.0	11.5	23.7	33.0	55	22	23	40
Jackson...........	13.5	4.2	4.3	.2	.4	22.5	26.9	39.7	72	8	75	4
Jasper............	10.5	1.4	.3	.3	.2	12.1	18.7	28.2	32	68	26	32
Jefferson.........	9.6	1.1	3.8	.2	2.0	14.4	17.8	26.5	26	78	39	20
Johnson...........	8.3	2.2	.0	.0	.0	10.5	16.9	25.0	20	88	17	59
Knox..............	.0	.9	4.9	.0	.0	5.8	17.1	20.6	11	104	3	100
Laclede...........	1.3	2.7	1.9	.0	.0	5.9	21.0	28.6	38	52	3	97
Lafayette.........	4.5	2.4	.5	.0	.0	7.4	19.6	27.2	32	69	7	88
Lawrence..........	7.1	1.0	.9	.0	.9	9.0	20.1	28.9	37	53	11	74
Lewis.............	9.9	1.0	2.3	.0	.0	13.2	15.5	21.5	10	105	32	27
Lincoln...........	6.9	.0	2.0	1.0	2.0	10.8	23.6	32.3	53	26	19	52
Linn..............	13.0	4.6	1.8	.0	.0	17.9	19.3	26.6	30	72	58	10
Livingston........	5.5	.0	.0	.0	.0	5.5	17.9	25.7	24	81	2	102
McDonald..........	8.0	1.0	.0	1.0	.0	9.0	25.7	36.7	65	14	11	73
Macon.............	4.7	.3	.0	.8	.0	5.9	17.1	24.6	20	90	3	98
Madison...........	9.1	1.2	.0	.0	.0	10.4	20.5	30.3	41	44	17	62
Maries............	3.8	.0	4.1	.0	.0	7.9	25.2	35.2	62	19	8	84
Marion............	8.2	1.5	.4	1.0	.0	11.0	14.6	21.9	9	106	20	49
Mercer............	13.6	6.2	.0	.0	.0	19.8	23.5	33.1	55	23	66	6
Miller............	6.3	1.4	.0	.5	.0	7.7	22.9	33.1	53	25	7	87
Mississippi.......	7.9	2.5	.0	1.5	3.1	15.1	25.5	36.4	64	15	43	17
Moniteau..........	8.0	.9	.0	.0	.0	8.9	16.4	24.2	18	93	11	75
Monroe............	7.9	1.7	.0	.0	.0	9.6	19.7	30.6	40	47	13	66
Montgomery........	12.4	2.9	2.3	.0	.0	17.6	24.3	36.4	62	18	57	11
Morgan............	5.9	8.7	.0	.0	.0	14.6	18.9	25.9	27	76	40	18
New Madrid........	12.2	3.6	.0	.0	1.0	15.7	26.5	36.6	67	13	46	14
Newton............	7.3	1.4	.0	.0	.6	9.1	20.8	30.2	42	42	11	72
Nodaway...........	6.3	1.1	1.3	.0	.0	8.7	16.0	22.8	14	99	10	79
Oregon............	17.6	5.3	.0	.0	.0	22.9	31.3	44.7	83	5	77	3

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Suicide	Homicide
Osage	12,086	9.3	2.3	0.0	0.0	0.0	30.6	6.1	1.7
Ozark	8,348	4.4	.0	.0	.0	2.9	58.7	25.5	13.6
Pemiscot	24,578	9.2	1.6	.0	.0	.0	42.7	14.8	19.7
Perry	16,850	1.6	.0	.0	.0	.0	21.2	10.3	6.3
Pettis	36,196	8.0	.4	.0	.2	.0	20.2	9.6	5.0
Phelps	34,203	4.9	.0	.0	.0	.0	21.7	12.7	3.2
Pike	17,228	4.0	2.9	.0	.0	.0	19.2	20.9	7.5
Platte	48,089	7.9	.5	.0	.0	.0	19.2	13.0	1.9
Polk	19,479	2.4	.0	.0	.0	.0	31.4	12.7	1.3
Pulaski	42,919	8.3	.0	.7	.0	.0	18.6	8.0	3.8
Putnam	5,958	6.3	.0	.0	.0	.0	36.8	5.2	.0
Ralls	8,843	3.7	1.2	.0	.0	.0	24.1	3.0	.0
Randolph	25,632	4.5	1.7	.0	.7	.0	21.0	20.4	3.9
Ray	21,456	2.7	.0	.0	.0	.0	37.2	10.8	2.2
Reynolds	7,129	.0	.0	.0	.0	.0	44.0	9.4	.0
Ripley	12,573	4.4	2.7	.0	.0	.0	31.5	20.9	9.7
St. Charles	155,805	4.2	.7	.2	.0	.0	16.5	10.1	3.6
St. Clair	8,517	.9	.0	.0	.0	.0	38.4	9.2	8.8
Ste. Genevieve	15,276	4.6	.0	.0	.0	.0	37.8	10.5	.0
St. Francois	42,879	5.8	.0	.0	.0	.0	30.9	13.3	3.7
St. Louis	981,605	10.5	1.4	.6	.2	.3	16.6	12.7	16.7
Saline	24,813	4.5	.0	1.0	.0	.0	20.4	10.9	10.1
Schuyler	4,803	2.4	.0	.0	.0	.0	30.4	10.3	.0
Scotland	5,351	5.3	.0	.0	.0	.0	69.6	16.7	.0
Scott	39,786	9.2	2.4	.7	.0	.7	20.8	9.5	5.1
Shannon	7,951	4.6	1.4	.0	.0	.0	27.8	4.3	5.1
Shelby	7,677	3.1	.0	.0	.0	.0	46.0	7.3	.0
Stoddard	28,677	8.2	.0	.0	.0	.0	27.3	8.4	4.2
Stone	16,388	6.3	.0	.0	.0	.0	27.8	8.1	4.9
Sullivan	7,255	2.7	4.0	.0	.0	.0	27.6	16.6	7.4
Taney	22,122	6.0	1.0	.0	.0	.0	35.0	11.7	4.8
Texas	21,307	4.9	.0	.0	.0	.0	39.7	10.0	4.5
Vernon	19,672	4.2	.0	.0	.0	.0	26.2	16.7	9.3
Warren	15,930	3.0	1.4	.0	.0	.0	27.2	7.6	6.7
Washington	18,252	6.0	.0	.0	.0	.0	31.7	6.8	15.7
Wayne	11,549	3.6	1.8	.0	.0	2.3	35.8	12.7	4.3
Webster	21,151	4.9	1.6	.0	.0	.0	24.8	9.5	.6
Worth	2,971	5.2	.0	.0	.0	.0	53.6	12.8	.0
Wright	16,319	1.5	.0	.0	.0	.0	30.8	12.6	10.0
St. Louis City	440,270	8.5	2.1	1.0	.2	.0	8.3	9.0	21.2
Montana	808,381	9.8	2.6	.5	.3	.2	32.8	15.4	4.9
Beaverhead	8,354	13.6	5.0	1.5	3.2	.0	27.9	11.2	2.7
Big Horn	11,325	20.9	14.1	4.1	1.9	.0	71.9	17.7	13.0
Blaine	7,076	29.0	.0	.0	.0	.0	55.6	15.5	16.0
Broadwater	3,375	3.7	.0	.0	.0	.0	36.5	15.8	6.0
Carbon	8,449	4.6	4.2	.0	.0	.0	34.6	16.6	2.4
Carter	1,772	.0	.0	.0	.0	11.3	34.2	.0	.0
Cascade	81,725	10.3	.7	.8	.3	.2	26.5	13.8	4.5
Chouteau	6,132	2.5	.0	.0	.0	.0	10.7	16.5	.0
Custer	13,346	7.1	5.4	.0	.0	.0	29.2	11.7	1.5
Daniels	2,806	3.8	8.3	.0	.0	.0	52.5	7.1	.0
Dawson	12,062	4.5	.0	.0	.0	.0	22.1	4.7	1.5
Deer Lodge	11,807	19.8	3.5	.0	1.8	.0	22.3	23.0	9.1
Fallon	3,789	.0	.0	.0	.0	.0	30.4	17.6	.0
Fergus	12,926	3.4	5.4	1.2	.0	.0	40.7	11.2	.0
Flathead	53,879	8.7	.9	.0	.0	.0	37.9	16.1	2.3
Gallatin	45,011	7.3	.7	.8	.0	.0	17.8	11.0	1.5
Garfield	1,701	.0	.0	.0	.0	.0	67.9	.0	12.7

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Osage............	14.2	2.3	0.0	0.0	0.0	14.2	21.0	30.8	43	41	38	22
Ozark............	5.4	1.5	1.5	.0	2.9	11.2	40.8	56.3	95	1	21	48
Pemiscot..........	13.2	5.2	.0	.0	.0	18.4	35.6	51.2	91	2	60	9
Perry............	3.5	.0	.0	.0	.0	3.5	14.6	20.6	7	108	1	110
Pettis...........	9.6	1.8	.9	.2	.0	11.8	16.6	25.7	21	86	24	36
Phelps...........	7.2	.4	1.6	.0	1.6	10.0	15.1	22.9	12	102	15	64
Pike.............	6.6	2.9	.0	.0	.0	9.5	20.3	29.4	39	49	12	68
Platte...........	11.4	2.4	.4	.0	.0	14.2	15.3	24.1	15	97	38	21
Polk.............	3.4	.5	.0	.0	.0	4.0	17.3	24.4	20	89	1	108
Pulaski..........	10.0	2.4	.7	.0	.0	13.0	15.3	23.8	14	98	31	28
Putnam...........	10.8	.0	.0	.0	.0	10.8	19.1	27.5	31	70	19	53
Ralls............	3.7	1.2	.0	.0	.0	4.9	13.4	18.6	4	112	2	104
Randolph..........	5.2	4.2	.0	.7	.0	8.7	19.0	27.9	32	67	10	78
Ray..............	4.6	.8	1.2	.0	.0	6.6	19.9	27.7	34	63	5	93
Reynolds..........	.0	2.1	3.3	.0	6.4	8.5	20.4	26.8	33	65	9	80
Ripley...........	6.2	5.5	.0	.0	.0	10.5	26.5	37.5	68	12	17	58
St. Charles.......	6.4	1.5	1.1	.0	.4	8.9	13.2	19.6	5	111	11	76
St. Clair.........	6.2	.9	.0	.0	.0	7.2	22.5	30.3	46	39	6	90
Ste. Genevieve....	9.4	.0	1.4	.0	1.4	10.7	19.8	28.2	35	62	18	56
St. Francois......	8.5	.7	1.1	.0	1.7	11.5	19.8	29.2	37	54	23	42
St. Louis.........	16.7	3.7	7.7	.3	4.6	28.7	24.2	36.7	62	17	88	1
Saline............	7.2	2.1	1.0	.0	.0	11.2	18.3	26.6	27	75	21	46
Schuyler..........	2.4	.0	.0	.0	.0	2.4	15.8	22.2	12	101	0	113
Scotland..........	5.3	.0	5.1	.0	5.1	15.5	34.7	48.1	89	3	45	16
Scott.............	12.5	3.8	4.6	.0	4.1	22.2	20.6	30.3	42	43	75	5
Shannon...........	11.1	1.4	.0	.0	.0	12.5	18.2	25.3	24	82	29	31
Shelby............	3.4	.0	.0	.0	.0	3.4	22.1	30.1	44	40	0	111
Stoddard..........	10.0	1.2	.8	.0	.0	11.2	18.5	28.0	31	71	21	47
Stone.............	7.8	.6	.0	.0	.0	7.8	18.2	26.8	27	74	7	85
Sullivan..........	5.7	4.0	.0	.0	.0	9.7	23.5	32.1	53	29	13	65
Taney.............	7.6	1.9	.5	.0	1.3	11.3	22.8	32.7	52	30	22	44
Texas.............	7.3	.5	.0	.0	.0	7.7	22.8	32.3	51	31	7	86
Vernon............	6.4	.0	.0	.0	.0	6.4	20.4	30.0	41	45	5	95
Warren............	4.3	1.4	4.8	.0	.0	10.5	18.8	25.8	27	77	17	57
Washington........	9.9	.0	.0	.0	1.0	10.8	24.5	35.0	60	20	19	51
Wayne.............	5.4	2.5	.0	.0	3.4	11.2	25.2	33.9	59	21	22	45
Webster...........	6.6	4.7	.0	.0	.0	10.2	16.2	23.3	15	96	15	63
Worth.............	5.2	9.0	.0	.0	.0	14.1	27.2	38.0	70	10	37	23
Wright............	3.9	.0	.0	.0	.0	3.9	20.8	28.8	38	51	1	109
St. Louis City....	12.4	3.3	12.2	.3	7.0	28.5	22.1	32.8	51	32	88	2
Montana.............	14.4	6.7	1.2	.4	1.4	22.8	26.8	39.1	-	-	-	-
Beaverhead........	27.1	19.0	2.6	3.2	.0	46.4	30.5	43.3	81	26	98	6
Big Horn..........	38.0	33.5	4.1	1.9	4.2	70.1	68.5	92.9	99	3	99	4
Blaine............	29.0	9.3	.0	.0	.0	35.3	45.9	73.0	98	6	94	9
Broadwater........	7.5	.0	.0	.0	2.7	10.2	22.9	32.6	52	40	16	45
Carbon............	4.6	5.9	.0	.0	.0	10.4	25.1	34.6	60	34	17	43
Carter............	.0	.0	.0	.0	11.3	11.3	25.7	29.5	52	41	22	39
Cascade...........	16.9	7.8	1.9	.3	5.7	30.1	22.3	33.8	54	39	90	12
Chouteau..........	7.1	.0	1.9	.0	3.7	12.8	8.8	14.2	0	54	30	36
Custer............	11.9	12.5	.0	.0	.0	23.3	23.6	32.9	54	38	78	18
Daniels...........	3.8	16.7	.0	.0	11.5	28.2	33.3	42.3	83	24	88	15
Dawson............	5.4	3.5	1.7	.0	.0	10.6	12.8	18.6	4	53	18	42
Deer Lodge........	23.1	11.1	.0	1.8	1.9	35.5	31.6	50.2	88	15	94	8
Fallon............	.0	3.7	.0	.0	.0	3.7	16.3	22.6	14	51	1	55
Fergus............	7.1	9.5	1.2	.0	.0	17.8	27.3	35.4	66	30	57	29
Flathead..........	13.0	3.6	.0	.3	.0	16.6	24.7	36.7	64	32	51	32
Gallatin..........	8.2	3.6	.8	.0	.0	11.8	14.8	22.9	11	52	25	38
Garfield..........	.0	.0	7.6	.0	.0	7.6	34.5	44.1	86	20	7	49

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Glacier	11,012	31.5	17.6	0.0	3.0	0.0	118.3	44.9	29.3
Golden Valley	1,072	7.1	.0	.0	.0	.0	79.6	35.9	21.8
Granite	2,719	18.1	.0	.0	.0	.0	44.2	16.3	.0
Hill	18,287	12.0	1.0	.0	.0	.9	27.6	15.9	6.6
Jefferson	7,597	.0	.0	.0	.0	.0	46.7	9.8	2.5
Judith Basin	2,688	11.0	.0	.0	.0	.0	37.6	16.3	.0
Lake	19,694	8.5	.5	.4	.0	3.1	50.8	12.7	7.7
Lewis And Clark	44,412	7.7	1.4	.6	.0	.0	31.4	21.0	1.8
Liberty	2,438	25.7	.0	9.5	.0	9.5	43.5	.0	.0
Lincoln	18,281	6.5	.0	.0	.0	.0	24.7	17.9	6.3
McCone	2,676	.0	.0	.0	.0	.0	59.7	8.6	.0
Madison	5,700	9.5	2.8	.0	.0	.0	73.8	21.8	4.2
Meagher	2,239	.0	6.0	4.8	.0	.0	63.2	9.9	.0
Mineral	3,654	20.0	5.0	.0	.0	.0	52.4	8.0	6.6
Missoula	75,790	10.1	3.2	.0	.0	.0	26.3	13.9	5.7
Musselshell	4,669	10.6	.0	.0	.0	.0	56.3	17.6	5.8
Park	13,023	8.8	1.8	.0	.0	1.7	29.8	13.0	.0
Petroleum	666	.0	.0	.0	.0	.0	.0	.0	.0
Phillips	5,527	10.9	3.2	.0	.0	.0	46.3	33.7	3.8
Pondera	6,880	11.1	2.5	.0	.0	.0	33.4	13.8	5.3
Powder River	2,493	.0	.0	.0	.0	.0	46.8	37.7	12.0
Powell	6,932	12.0	.0	.0	.0	.0	44.5	27.6	2.0
Prairie	1,858	7.8	.0	.0	.0	.0	7.8	.0	.0
Ravalli	23,485	1.5	.0	.0	.0	.0	26.9	13.5	4.9
Richland	13,438	1.5	1.2	.0	.0	.0	42.7	12.3	1.4
Roosevelt	11,124	48.0	14.3	.0	2.3	.0	48.1	6.8	24.1
Rosebud	11,898	28.8	10.7	2.2	2.6	.0	56.5	17.3	18.6
Sanders	9,008	7.8	3.7	2.5	.0	.0	55.6	25.9	2.3
Sheridan	5,732	6.7	2.4	.0	.0	1.5	28.3	4.2	4.3
Silver Bow	36,616	11.6	3.5	.7	.3	.0	30.9	14.9	8.5
Stillwater	5,894	5.0	.0	.0	.0	.0	67.3	17.0	.0
Sweet Grass	3,287	9.0	.0	.0	9.0	.0	28.6	37.0	.0
Teton	6,610	7.4	.0	.0	.0	.0	21.8	7.9	3.7
Toole	5,687	11.2	2.7	.0	.0	.0	38.7	25.7	6.8
Treasure	1,031	.0	.0	.0	.0	.0	19.8	11.9	19.0
Valley	10,055	2.3	2.0	.0	.0	.0	31.9	13.9	1.6
Wheatland	2,306	11.7	.0	10.0	.0	.0	35.0	20.8	.0
Wibaux	1,501	.0	8.3	.0	.0	.0	42.0	32.2	.0
Yellowstone	114,593	8.9	3.4	.7	.0	.0	25.2	15.7	3.6
Yellowstone National Park	271	.0	.0	.0	.0	.0	.0	.0	.0
Nebraska	1,588,884	6.8	1.2	.3	.1	.1	19.2	9.6	3.5
Adams	31,028	6.1	3.2	.0	.5	.0	12.7	13.3	.0
Antelope	8,725	2.3	2.8	.0	.0	.0	22.7	7.2	2.7
Arthur	521	.0	.0	.0	.0	.0	180.5	.0	.0
Banner	996	.0	.0	.0	.0	.0	18.7	.0	.0
Blaine	783	.0	.0	.0	.0	.0	192.4	.0	.0
Boone	7,371	1.4	.0	.0	.0	.0	26.7	3.2	.0
Box Butte	13,982	10.3	2.5	4.0	.0	.0	14.5	13.2	.0
Boyd	3,304	.0	.0	.0	.0	.0	47.4	17.5	.0
Brown	4,299	14.6	5.8	.0	.0	.0	31.7	11.1	.0
Buffalo	36,284	2.8	.9	.0	.0	.0	17.9	8.7	3.1
Burt	8,681	5.6	1.5	.0	.0	.0	50.9	10.5	.0
Butler	9,207	2.1	1.6	.0	.0	.0	33.3	8.4	1.6
Cass	20,993	3.2	.0	.0	.0	.0	21.3	4.9	2.1
Cedar	11,170	2.4	.0	.0	.0	.0	29.4	17.2	2.3
Chase	4,786	9.8	.0	.0	.0	.0	32.6	16.9	.0
Cherry	6,878	9.4	5.5	.0	.0	.0	23.7	13.1	.0

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Glacier	45.3	48.5	0.0	3.0	4.3	97.8	106.0	148.7	99	1	99	2
Golden Valley	7.1	.0	.0	.0	.0	7.1	53.8	76.2	98	5	6	50
Granite	21.5	.0	.0	.0	.0	21.5	29.3	46.7	83	23	73	22
Hill	17.0	4.3	.0	1.5	.9	20.3	24.7	38.1	66	29	68	26
Jefferson	2.5	.0	.0	2.5	.0	5.0	22.8	30.0	45	44	2	54
Judith Basin	11.0	.0	.0	.0	.0	11.0	23.6	36.4	61	33	20	40
Lake	10.4	1.1	1.8	.0	3.1	16.9	35.0	48.7	89	14	53	31
Lewis And Clark	14.3	5.2	.6	.0	.4	20.1	23.4	34.9	58	36	67	27
Liberty	31.2	.0	9.5	.0	9.5	50.2	47.9	66.6	98	7	98	5
Lincoln	13.4	7.2	.0	.0	.0	20.6	19.6	30.0	38	46	69	25
McCone	.0	5.1	5.1	.0	.0	10.2	26.8	34.8	64	31	16	44
Madison	14.1	4.1	4.2	.0	4.2	21.2	44.1	61.8	97	8	71	23
Meagher	.0	6.0	4.8	.0	.0	10.8	39.3	48.0	92	12	19	41
Mineral	25.0	13.2	.0	.0	.0	34.1	39.9	58.9	96	9	93	10
Missoula	14.3	3.9	.5	.0	.2	18.9	23.8	35.5	60	35	62	28
Musselshell	10.6	1.6	.0	.0	.0	12.1	34.2	50.1	90	13	27	37
Park	13.4	9.7	.0	.0	1.7	21.0	22.2	32.5	50	42	70	24
Petroleum	.0	.0	.0	.0	.0	.0	.0	.0	...	...	...	...
Phillips	15.6	3.2	.0	.0	3.2	22.0	35.7	53.0	92	11	74	20
Pondera	16.5	6.9	3.6	.0	5.0	30.2	26.4	39.3	71	28	90	11
Powder River	.0	.0	.0	.0	7.1	7.1	32.8	46.4	86	19	6	51
Powell	13.9	10.0	.0	.0	.0	23.9	30.1	46.4	84	22	79	17
Prairie	7.8	.0	.0	.0	.0	7.8	6.5	11.5	0	55	7	48
Ravalli	2.9	1.2	.5	.0	1.2	5.8	16.9	23.8	18	49	3	52
Richland	4.3	1.2	.0	.0	.0	5.5	22.9	30.7	48	43	2	53
Roosevelt	76.5	29.3	1.7	2.3	.0	102.3	69.2	105.7	99	2	99	1
Rosebud	45.8	21.7	3.8	4.7	.0	71.7	63.2	91.0	99	4	99	3
Sanders	7.8	5.0	2.5	.0	.0	15.3	39.0	54.1	94	10	44	34
Sheridan	8.2	2.4	4.2	.0	7.7	22.4	21.4	29.6	42	45	75	19
Silver Bow	17.3	7.2	.7	.3	.4	24.5	29.1	42.7	79	27	81	16
Stillwater	5.0	5.2	5.4	.0	.0	15.6	33.7	46.7	87	17	46	33
Sweet Grass	9.0	2.8	9.0	9.0	.0	29.8	32.1	46.4	86	21	89	14
Teton	7.4	2.1	5.3	.0	.0	14.8	15.5	23.9	15	50	41	35
Toole	16.5	4.9	8.5	.0	.0	29.9	31.8	47.7	87	18	90	13
Treasure	11.9	.0	.0	.0	29.0	40.8	19.6	27.1	31	48	97	7
Valley	4.9	4.9	.0	.0	.0	9.8	19.9	27.2	32	47	14	46
Wheatland	11.7	.0	10.0	.0	.0	21.7	33.6	47.3	87	16	73	21
Wibaux	.0	8.3	.0	.0	.0	8.3	32.4	42.5	82	25	9	47
Yellowstone	11.6	5.0	1.4	.0	.7	17.8	23.1	34.0	56	37	57	30
Yellowstone National Park	.0	.0	.0	.0	.0	.0	.0	.0	...	...	...	...
Nebraska	9.7	3.5	1.0	.2	.5	14.3	16.2	24.2	-	-	-	-
Adams	8.2	7.0	.5	.5	.7	16.4	14.2	21.2	7	63	50	26
Antelope	2.3	2.8	4.4	.0	.0	9.6	16.0	21.5	11	61	13	53
Arthur	.0	.0	.0	.0	.0	.0	75.8	95.7	99	2	...	...
Banner	.0	.0	.0	.0	.0	.0	7.9	9.9	0	88	...	...
Blaine	.0	.0	.0	.0	.0	.0	80.8	102.0	99	1	...	...
Boone	4.3	2.1	.0	.0	.0	6.4	12.4	16.6	2	77	4	66
Box Butte	15.7	4.8	4.0	.0	.0	24.6	19.5	28.9	35	35	81	6
Boyd	6.2	.0	.0	.0	.0	6.2	23.4	31.6	51	24	4	68
Brown	16.8	5.8	.0	.0	.0	22.5	27.3	40.5	74	8	76	10
Buffalo	5.5	5.5	.6	.0	.0	11.6	12.7	18.2	3	71	23	45
Burt	8.4	3.6	.0	.0	.0	12.0	27.3	37.8	70	10	26	38
Butler	3.6	6.5	1.6	.0	.0	11.8	18.8	25.3	25	43	24	41
Cass	4.7	.9	.0	.0	.0	5.5	12.2	17.5	3	76	3	74
Cedar	6.7	2.3	2.3	.0	5.8	17.1	17.9	25.7	24	44	54	21
Chase	9.8	3.1	5.0	.0	.0	18.0	21.1	32.9	48	26	58	19
Cherry	13.4	9.1	.0	.0	.0	22.5	22.0	31.9	48	27	75	11

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Cheyenne..........	10,079	7.2	3.2	0.0	0.0	0.0	34.5	16.8	0.0
Clay..............	7,975	3.5	5.8	.0	.0	.0	17.4	6.2	2.9
Colfax............	9,784	4.6	.0	.0	.0	.0	29.1	8.0	.0
Cuming............	11,501	8.1	1.3	.0	.0	.0	22.1	8.2	.0
Custer............	13,883	2.8	.0	2.3	.0	.0	17.5	5.1	.0
Dakota............	17,001	6.1	1.6	.0	.0	.0	25.0	14.1	2.5
Dawes.............	9,502	5.8	8.6	.0	.0	.0	20.3	8.1	.3
Dawson............	22,146	3.2	.0	.0	.0	.0	20.1	10.2	1.8
Deuel.............	2,429	3.5	5.0	.0	.0	.0	53.1	26.5	11.3
Dixon.............	7,074	.0	4.0	.0	.0	.0	36.4	10.1	.0
Dodge.............	35,565	3.6	.5	.0	.5	.0	22.2	6.5	.6
Douglas...........	405,044	10.7	.9	.2	.1	.0	14.6	8.4	7.9
Dundy.............	2,863	.0	.0	.0	.0	.0	10.2	30.5	.0
Fillmore..........	7,815	8.3	3.1	.0	.0	.0	36.0	10.1	.0
Franklin..........	4,341	7.5	.0	.0	.0	.0	45.2	8.8	.0
Frontier..........	3,679	7.1	.0	.0	.0	.0	6.0	.7	6.3
Furnas............	6,465	.6	.0	.0	.0	.0	31.5	14.1	.0
Gage..............	24,432	4.8	3.6	.0	.0	.0	27.9	6.8	3.1
Garden............	2,766	.0	.0	.0	.0	.0	48.6	18.1	.0
Garfield..........	2,346	3.6	3.6	.0	.0	.0	28.0	28.2	.0
Gosper............	2,169	6.3	.0	.0	.0	.0	36.2	15.3	.0
Grant.............	887	.0	.0	.0	.0	.0	69.7	.0	.0
Greeley...........	3,419	.7	3.1	.0	8.6	.0	32.5	.0	.0
Hall..............	48,741	5.6	.1	.4	.4	.0	19.1	15.1	2.7
Hamilton..........	9,254	1.8	.0	.0	.0	.0	31.7	4.0	3.0
Harlan............	4,285	1.0	.0	.0	.0	.0	8.3	11.3	11.9
Hayes.............	1,326	.0	.0	.0	.0	.0	26.6	.0	.0
Hitchcock.........	4,047	12.2	.0	.0	.0	.0	19.0	8.6	.0
Holt..............	13,716	3.3	.0	.0	.0	.0	32.4	3.9	2.1
Hooker............	1,017	11.6	.0	.0	.0	.0	.0	60.8	.0
Howard............	6,721	1.7	.0	.0	.0	.0	32.6	26.5	9.1
Jefferson.........	9,665	7.6	1.4	3.2	.0	.0	32.2	14.7	.0
Johnson...........	5,203	11.0	.0	.0	.0	.0	38.5	12.3	.0
Kearney...........	6,912	10.7	.0	.0	3.5	.0	10.4	13.9	.0
Keith.............	9,237	9.2	.4	.0	3.5	.0	33.2	29.7	2.4
Keya Paha.........	1,263	.0	.0	.0	.0	.0	44.2	24.4	.0
Kimball...........	4,895	11.7	.0	.0	.0	.0	43.3	5.2	.0
Knox..............	11,305	9.7	.0	.0	.0	.0	30.4	10.3	2.4
Lancaster.........	198,331	5.7	1.3	.5	.0	.4	11.2	9.3	2.4
Lincoln...........	35,208	8.3	2.8	.7	.0	.0	20.0	10.9	3.1
Logan.............	988	.0	.0	.0	.0	.0	.0	.0	.0
Loup..............	881	.0	.0	.0	.0	.0	.0	.0	.0
McPherson.........	587	.0	.0	.0	.0	.0	101.9	.0	.0
Madison...........	31,688	3.1	.1	.6	.0	.0	28.7	8.3	3.3
Merrick...........	8,872	2.5	1.8	.0	.0	.0	42.2	5.2	.0
Morrill...........	6,028	1.7	1.7	.0	.0	.0	47.9	8.1	3.9
Nance.............	4,678	11.8	.0	.0	.0	.0	18.2	14.8	.0
Nemaha............	8,522	6.5	.0	.0	.0	.0	17.0	1.9	.0
Nuckolls..........	6,748	21.1	1.9	.0	.0	.0	24.4	1.9	.0
Otoe..............	15,070	7.6	.0	.0	.0	.0	36.5	7.7	3.7
Pawnee............	3,830	.0	.0	.0	2.0	.0	19.1	22.1	.0
Perkins...........	3,692	.0	.0	.0	.0	.0	17.8	10.5	.0
Phelps............	10,003	4.1	.0	.0	1.7	.0	22.0	11.8	.0
Pierce............	8,445	1.7	.0	.0	.0	.0	16.2	12.7	.0
Platte............	29,394	5.2	1.2	.7	.0	.0	28.5	5.6	2.8
Polk..............	6,132	.0	.0	.0	.0	.0	11.3	22.1	.0
Red Willow........	12,757	8.8	1.3	.0	.0	.0	27.6	15.4	.0
Richardson........	11,086	2.3	1.2	.0	.0	.0	23.5	4.6	2.2
Rock..............	2,388	1.2	.0	.0	.0	.0	12.9	.0	.0
Saline............	13,101	4.1	.0	.0	.0	.0	23.2	14.0	1.9

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Cheyenne	17.1	5.6	0.0	0.0	2.4	23.7	24.0	34.5	58	16	79	7
Clay	6.4	7.9	.0	.0	.0	12.2	17.1	22.4	16	50	27	37
Colfax	5.6	.0	.0	.0	4.9	10.4	15.7	22.8	13	58	17	48
Cuming	8.1	3.4	.0	.0	.0	11.5	15.6	23.8	15	53	23	47
Custer	4.2	1.0	2.3	.7	.0	8.2	11.8	16.1	2	80	8	60
Dakota	7.1	6.0	1.2	.0	6.3	16.9	18.6	27.5	30	40	53	24
Dawes	5.8	11.7	.0	.0	.0	17.5	21.3	28.1	38	34	56	20
Dawson	4.5	3.0	1.1	.0	.0	8.6	12.6	18.6	3	70	10	55
Deuel	7.0	5.0	.0	.0	.0	12.0	39.3	53.5	94	6	25	39
Dixon	.0	4.0	.0	.0	.0	4.0	21.3	27.0	35	36	1	76
Dodge	5.7	2.0	.7	.5	1.4	9.8	13.3	18.9	4	68	14	51
Douglas	15.4	2.7	.4	.1	.3	18.3	17.2	27.3	26	41	60	17
Dundy	.0	.0	.0	.0	.0	.0	10.4	16.7	1	81	...	...
Fillmore	10.2	6.5	.0	.0	.0	13.3	23.7	33.9	57	19	32	34
Franklin	8.4	7.5	5.4	.0	.0	21.3	23.8	34.3	58	18	71	12
Frontier	13.7	.0	6.3	.0	.0	20.0	8.5	14.2	0	87	67	14
Furnas	.6	1.8	.0	.0	.0	2.4	16.3	22.5	14	56	0	79
Gage	7.1	9.8	3.4	.0	.9	20.6	20.1	27.5	34	38	69	13
Garden	10.7	3.2	.0	.0	.0	13.9	24.0	32.4	54	21	36	30
Garfield	3.6	3.6	.0	.0	.0	7.1	22.4	32.2	50	25	6	64
Gosper	6.3	.0	.0	.0	.0	6.3	20.8	30.8	43	29	4	67
Grant	.0	.0	.0	.0	.0	.0	29.3	37.0	72	9	...	...
Greeley	.7	11.7	.0	8.6	.0	12.4	25.7	29.6	52	23	28	36
Hall	9.5	2.2	.4	.4	.0	11.6	15.4	23.6	14	55	24	43
Hamilton	4.3	1.8	.0	.0	.0	6.1	16.3	21.9	13	59	4	69
Harlan	3.0	.0	.0	.0	.0	3.0	11.7	17.1	2	79	0	78
Hayes	.0	.0	.0	.0	.0	.0	11.2	14.1	1	83	...	...
Hitchcock	15.6	.0	.0	.0	.0	15.6	14.7	24.8	15	52	46	28
Holt	5.8	1.7	.0	.0	.0	7.5	16.7	23.1	16	49	7	62
Hooker	11.6	.0	.0	.0	.0	11.6	16.9	33.5	40	31	23	44
Howard	1.7	3.1	.0	.0	.0	4.7	24.0	34.5	58	17	2	75
Jefferson	8.5	4.4	4.1	.0	.0	17.0	24.2	34.4	58	15	53	23
Johnson	13.5	.9	.0	.0	.0	13.5	23.2	35.4	58	14	33	33
Kearney	10.7	6.9	1.6	3.5	.0	19.1	15.0	24.3	15	54	63	15
Keith	10.5	3.9	.0	3.5	.0	16.2	28.7	42.8	78	7	49	27
Keya Paha	.0	.0	.0	.0	.0	.0	23.5	32.5	53	22	...	...
Kimball	14.0	2.9	.0	.0	.0	17.0	24.0	35.9	61	12	53	22
Knox	13.8	3.4	.0	.0	.0	14.7	20.0	30.7	41	30	41	29
Lancaster	7.8	4.4	1.4	.0	.5	13.6	12.2	18.5	3	73	34	32
Lincoln	12.5	6.0	3.8	.6	.7	23.5	19.0	28.0	32	39	79	8
Logan	.0	.0	.0	.0	.0	.0	.0	.0	...	...	...	...
Loup	.0	.0	.0	.0	.0	.0	.0	.0	...	...	...	...
McPherson	.0	.0	.0	.0	.0	.0	42.8	54.0	95	4	...	...
Madison	5.3	2.2	.6	.0	.0	8.2	17.3	24.1	19	48	8	59
Merrick	5.1	3.5	.0	.0	.0	8.7	21.6	28.4	39	32	10	54
Morrill	5.3	12.7	7.1	.0	.0	25.1	26.0	34.3	62	11	82	5
Nance	11.8	.0	.0	.0	.0	11.8	15.4	26.4	20	46	25	40
Nemaha	8.4	.0	.0	.0	.0	8.4	10.2	15.9	1	82	9	58
Nuckolls	21.1	1.9	.0	.0	.0	23.0	21.2	35.6	55	20	77	9
Otoe	8.5	.6	.0	.0	.0	9.8	21.7	31.8	47	28	14	52
Pawnee	5.1	9.5	.0	2.0	.0	12.6	14.4	20.3	7	64	29	35
Perkins	.0	.6	.0	1.7	.0	2.3	9.6	13.4	0	86	0	80
Phelps	6.3	3.8	.0	1.7	.0	10.1	15.0	21.6	10	62	15	50
Pierce	1.7	1.5	.0	.0	.0	3.2	10.1	14.9	1	84	0	77
Platte	7.0	1.2	3.0	.0	.8	11.7	18.4	25.8	26	42	24	42
Polk	.0	1.5	.0	.0	.0	1.5	9.2	14.2	0	85	0	81
Red Willow	9.7	6.0	1.7	.0	1.8	16.7	19.6	30.0	38	33	52	25
Richardson	4.6	1.2	.0	.0	.0	5.8	14.0	18.9	5	67	3	72
Rock	1.2	7.3	.0	.0	.0	8.5	5.9	8.0	0	90	9	56
Saline	5.6	.0	.0	.0	.0	5.6	15.1	22.6	11	60	3	73

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Sarpy............	90,546	6.2	0.5	0.3	0.0	0.0	14.1	9.7	2.3
Saunders..........	18,551	7.6	.8	.0	.0	.0	28.0	13.4	1.5
Scotts Bluff......	38,122	10.6	2.2	.6	.3	.3	29.4	11.4	2.8
Seward...........	15,770	2.0	.0	.0	.8	.0	19.8	12.4	.0
Sheridan..........	7,609	22.6	5.2	2.8	.0	.0	39.9	16.5	.3
Sherman..........	4,109	.0	3.5	.0	.0	.0	24.2	15.0	.0
Sioux............	1,854	.0	.0	.0	.0	.0	18.1	.0	.0
Stanton...........	6,536	6.3	.0	.0	.0	.0	20.9	10.9	.0
Thayer............	7,469	7.4	.0	.0	.0	.0	17.9	3.3	.0
Thomas............	973	.0	.0	.0	.0	.0	.0	.0	.0
Thurston..........	7,208	24.4	5.7	6.7	.0	.0	38.8	15.1	17.2
Valley............	5,744	9.3	1.6	.0	.0	.0	10.6	11.1	8.5
Washington........	15,611	2.9	1.5	1.3	.0	.0	17.2	4.0	1.5
Wayne.............	9,821	.0	3.8	3.0	.0	.0	18.1	6.6	.0
Webster...........	4,774	7.3	2.5	.0	.0	.0	26.5	3.5	.0
Wheeler...........	1,082	.0	.0	.0	.0	.0	41.6	.0	.0
York..............	14,920	3.5	1.1	.0	.0	.0	20.5	7.6	.0
Nevada.............	865,038	16.6	3.8	.4	.2	.1	29.0	22.3	12.2
Churchill.........	14,099	18.4	4.6	2.7	1.2	.0	51.2	22.7	3.1
Clark.............	505,640	15.0	2.6	.3	.1	.1	25.8	20.9	14.7
Douglas...........	20,399	8.7	1.5	1.2	.0	.0	34.2	12.4	7.3
Elko..............	19,061	23.3	9.3	3.0	.5	.0	54.1	36.1	7.0
Esmeralda.........	1,137	14.0	.0	.0	15.2	.0	118.9	70.5	16.7
Eureka............	1,205	.0	16.2	.0	.0	.0	15.4	21.1	.0
Humboldt..........	10,100	13.7	3.6	.0	.0	.0	42.3	22.1	8.3
Lander............	4,204	10.9	.0	.0	.0	4.6	55.5	33.8	27.9
Lincoln...........	3,616	14.7	.0	.0	.0	.0	64.4	13.6	14.7
Lyon..............	14,700	17.6	5.2	3.0	.0	.0	60.6	12.8	5.9
Mineral...........	6,098	32.5	9.3	.0	5.4	.0	37.6	49.1	21.0
Nye...............	11,963	11.3	7.3	.0	.0	.0	69.9	26.9	16.6
Pershing..........	3,528	14.6	4.1	.0	.0	.0	34.4	13.3	20.4
Storey............	1,656	26.4	.0	.0	.0	.0	62.8	13.6	.0
Washoe............	205,323	20.6	5.9	.2	.0	.1	25.7	24.7	8.2
White Pine........	8,165	8.3	5.8	.0	1.1	.0	40.1	24.0	7.3
Carson City.......	34,144	22.0	4.8	.4	.0	.0	27.9	23.1	10.1
New Hampshire.......	954,069	10.2	1.4	.2	.0	.1	18.9	11.3	1.6
Belknap...........	44,224	11.2	3.5	.4	.0	.5	18.6	8.9	1.5
Carroll...........	29,094	6.6	3.1	.0	.3	.0	34.9	7.0	2.0
Cheshire..........	63,559	9.1	1.8	.7	.0	.0	18.0	10.7	1.2
Coos..............	34,334	13.7	1.1	.0	.0	.0	24.5	12.4	.6
Grafton...........	66,968	9.0	1.2	.2	.0	.0	16.5	10.6	1.3
Hillsborough......	288,734	10.4	1.0	.1	.0	.0	16.9	11.2	2.0
Merrimack.........	101,465	9.2	.9	.5	.0	.0	21.2	14.2	1.7
Rockingham........	200,092	10.8	1.3	.2	.0	.1	20.5	12.1	1.4
Strafford.........	88,834	12.8	.6	.5	.0	.0	16.0	10.6	1.8
Sullivan..........	36,765	7.3	4.1	.0	.4	.7	21.8	10.5	1.2
New Jersey..........	7,456,004	12.2	1.3	.2	.1	.0	14.1	7.2	6.1
Atlantic..........	197,819	14.5	3.2	.4	.1	.0	20.6	9.7	7.0
Bergen............	844,680	10.1	.5	.2	.1	.0	11.1	6.6	3.2
Burlington........	371,281	10.4	.4	.2	.0	.0	16.7	7.2	3.1
Camden............	479,364	9.8	3.0	.1	.2	.1	14.9	9.6	6.5
Cape May..........	85,977	13.8	3.4	.0	.0	.0	25.1	6.8	5.0
Cumberland........	133,779	10.4	.6	.6	.0	.1	28.8	9.8	5.2
Essex.............	847,352	16.1	2.2	.3	.2	.0	11.0	5.7	17.0

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Sarpy	6.8	1.0	0.3	0.0	0.0	8.1	12.2	19.1	4	69	8	61
Saunders	11.6	1.8	1.3	.0	.0	13.9	19.1	28.8	34	37	36	31
Scotts Bluff	15.0	7.2	3.7	.3	3.1	28.0	23.8	35.2	59	13	87	4
Seward	5.2	.8	.0	.8	.0	6.0	12.4	17.7	3	74	4	70
Sheridan	25.4	11.6	2.8	.0	5.5	43.5	37.4	56.9	95	5	97	2
Sherman	.0	7.1	.0	.0	.0	7.1	16.7	21.9	13	57	6	65
Sioux	.0	.0	.0	.0	.0	.0	7.6	9.6	0	89	...	...
Stanton	8.4	.0	.0	.0	.0	8.4	13.5	21.1	6	65	9	57
Thayer	12.6	1.9	.0	.0	4.5	19.0	11.2	17.8	2	78	62	16
Thomas	.0	.0	30.1	.0	.0	30.1	.0	.0	...	...	90	3
Thurston	37.0	20.2	12.4	.0	10.3	76.3	49.8	72.7	98	3	99	1
Valley	16.4	1.6	.0	.0	.0	18.0	16.0	25.5	19	47	58	18
Washington	3.2	1.5	1.3	.0	.0	6.0	12.7	17.1	3	75	3	71
Wayne	2.9	4.5	3.0	.0	.0	10.4	15.7	18.8	6	66	17	49
Webster	9.1	2.5	.0	.0	.0	11.6	17.4	24.8	21	45	23	46
Wheeler	.0	.0	.0	.0	.0	.0	17.5	22.1	15	51	...	...
York	4.6	3.6	.0	.0	.0	7.5	12.7	18.1	3	72	7	63
Nevada	21.4	9.8	1.5	.3	1.0	32.1	33.7	51.7	-	-	-	-
Churchill	26.4	13.1	2.7	1.2	.0	39.1	43.5	63.5	97	7	96	6
Clark	19.5	5.5	.9	.2	1.1	26.4	31.2	48.1	87	15	85	14
Douglas	14.2	4.8	3.3	.7	.9	21.2	26.6	38.4	69	16	71	16
Elko	25.9	13.8	3.9	1.0	.9	42.8	55.5	81.4	98	3	97	3
Esmeralda	14.0	15.2	.0	15.2	.0	29.3	92.9	128.4	99	1	89	12
Eureka	.0	16.2	18.0	.0	.0	34.2	26.9	32.2	59	17	94	8
Humboldt	19.1	20.7	1.8	.0	.0	39.8	35.3	52.5	92	13	96	5
Lander	10.9	5.8	8.2	.0	10.5	30.7	52.2	74.7	98	5	91	11
Lincoln	20.0	.0	.0	.0	.0	20.0	42.7	62.5	97	8	66	17
Lyon	21.4	13.0	3.0	.0	4.4	40.3	46.3	65.7	98	6	97	4
Mineral	38.5	19.3	2.0	5.4	.0	65.2	63.6	97.2	99	2	99	1
Nye	15.3	10.7	.0	1.7	.0	24.3	54.5	75.7	98	4	80	15
Pershing	18.1	9.7	.0	.0	.0	27.8	36.8	54.3	93	10	87	13
Storey	34.9	.0	.0	.0	.0	34.9	39.9	63.4	97	9	94	7
Washoe	26.5	19.2	2.3	.0	.6	44.8	34.1	53.7	92	12	98	2
White Pine	11.0	17.8	.0	1.1	3.5	32.3	35.3	49.5	90	14	92	10
Carson City	24.3	9.5	1.5	.0	.0	33.1	35.3	55.8	93	11	93	9
New Hampshire	15.2	4.5	.9	.1	.6	20.6	16.9	26.7	-	-	-	-
Belknap	18.7	6.5	3.9	.0	2.4	30.0	19.2	29.0	35	4	90	1
Carroll	11.9	4.8	.7	.3	1.0	18.4	23.1	32.0	51	1	60	9
Cheshire	13.9	5.6	2.0	.0	1.0	21.7	16.4	25.3	20	8	73	5
Coos	17.0	8.0	.6	.0	.6	25.6	19.7	32.1	43	2	83	2
Grafton	12.1	5.7	1.0	.0	.3	17.6	14.7	23.4	12	10	56	10
Hillsborough	15.8	3.1	.3	.1	.1	18.8	15.6	25.3	18	9	62	8
Merrimack	14.5	4.0	1.1	.0	1.2	19.7	17.7	27.7	28	6	65	7
Rockingham	14.8	4.0	.8	.0	.7	19.9	17.8	28.1	30	5	66	6
Strafford	18.3	3.8	.7	.5	.3	23.2	16.0	26.8	22	7	78	3
Sullivan	13.2	10.0	.5	.4	.7	23.0	20.0	28.3	36	3	77	4
New Jersey	18.7	3.3	.5	.2	.1	22.2	16.9	27.2	-	-	-	-
Atlantic	22.6	5.7	1.1	.2	.1	29.0	23.5	36.5	61	1	88	3
Bergen	14.6	1.4	.4	.1	.3	16.1	12.3	20.6	5	20	49	19
Burlington	16.3	2.3	.7	.1	.1	18.9	14.9	24.1	14	14	62	15
Camden	15.0	4.5	.3	.2	.3	20.0	18.7	28.4	32	10	66	12
Cape May	20.9	5.6	.3	.0	.0	26.4	23.3	35.5	59	3	85	6
Cumberland	13.8	2.7	1.3	.1	.1	17.8	22.1	33.5	53	5	57	16
Essex	25.3	5.2	.5	.3	.2	30.7	23.0	36.8	61	2	91	2

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Gloucester........	203,210	7.2	1.3	0.2	0.2	0.0	18.5	6.8	3.5
Hudson............	559,261	18.5	1.6	.2	.1	.0	10.3	6.8	10.8
Hunterdon.........	90,140	4.6	.6	.2	.0	.0	17.0	8.3	1.3
Mercer............	312,213	12.7	3.1	.3	.3	.0	13.5	6.6	6.9
Middlesex.........	609,105	11.3	.7	.2	.1	.0	12.9	6.4	2.9
Monmouth..........	514,412	11.7	.9	.4	.1	.1	14.7	7.6	3.1
Morris............	412,453	9.1	.5	.1	.1	.0	14.4	8.9	1.7
Ocean.............	360,829	13.2	.7	.1	.1	.0	19.7	8.5	3.7
Passaic...........	454,008	16.3	1.3	.1	.2	.0	11.3	6.1	8.3
Salem.............	65,354	10.3	.9	.0	.3	.0	31.2	8.9	4.6
Somerset..........	206,495	9.0	.8	.3	.2	.0	15.3	7.9	1.5
Sussex............	118,121	8.0	1.3	.5	.0	.0	19.6	7.7	1.7
Union.............	505,654	11.4	1.0	.0	.2	.0	10.7	5.7	5.5
Warren............	84,498	9.8	.7	.4	.0	.0	24.1	12.3	1.2
New Mexico..........	1,374,673	13.7	7.1	.7	.5	.0	37.9	17.8	11.1
Bernalillo........	439,169	12.9	5.8	.6	.2	.0	24.5	17.9	11.2
Catron............	2,760	.0	.0	.0	.0	.0	106.3	17.5	15.0
Chaves............	53,798	13.1	8.5	.3	.4	.0	33.4	18.4	18.0
Colfax............	13,974	7.9	1.9	3.9	.0	.0	27.2	20.8	11.5
Curry.............	42,901	8.5	3.3	1.4	.5	.0	30.6	9.1	11.9
De Baca...........	2,414	11.2	.0	.0	.0	.0	61.8	27.9	3.5
Dona Ana..........	106,640	9.2	3.0	.4	.7	.0	28.5	12.1	8.8
Eddy..............	50,525	11.8	4.1	.0	.2	.3	35.9	12.4	8.6
Grant.............	26,640	17.5	3.2	.0	.6	.0	34.4	17.8	4.3
Guadalupe.........	4,522	16.2	18.5	.0	.0	.0	60.2	32.2	24.3
Harding...........	1,041	7.3	.0	.0	.0	.0	.0	29.1	.0
Hidalgo...........	6,238	16.8	4.0	.0	.0	.0	40.9	2.7	6.5
Lea...............	61,523	10.1	4.5	.0	.0	.0	35.8	14.2	10.1
Lincoln...........	12,367	12.2	2.6	1.4	.0	.0	32.0	27.1	16.1
Los Alamos........	17,722	4.0	.9	.0	.9	.0	23.4	17.5	3.3
Luna..............	16,598	7.7	5.2	.5	.5	.0	50.9	27.9	13.7
McKinley..........	60,549	28.7	24.7	1.3	.3	.0	86.1	22.8	11.8
Mora..............	4,426	18.1	4.9	.0	.0	.0	29.2	40.4	14.9
Otero.............	47,352	19.2	5.8	1.3	1.8	.0	34.2	14.7	6.3
Quay..............	11,048	11.1	6.0	2.1	.0	.0	41.0	17.4	6.1
Rio Arriba........	31,310	29.2	13.8	1.0	4.2	.0	79.1	25.3	25.1
Roosevelt.........	16,200	9.0	2.8	.0	.0	.0	42.5	9.2	3.4
Sandoval..........	39,924	16.4	10.3	.3	.3	.0	58.9	14.7	10.2
San Juan..........	87,154	9.7	11.5	2.3	.8	.0	61.2	18.5	11.1
San Miguel........	23,751	22.0	19.1	.0	3.1	.0	32.3	22.1	19.4
Santa Fe..........	79,478	19.9	8.2	.5	.2	.0	37.7	20.5	11.8
Sierra............	8,911	23.0	2.5	.0	.0	.0	39.5	44.7	3.8
Socorro...........	13,759	10.1	8.8	.0	.0	.0	41.0	13.8	3.9
Taos..............	20,666	19.3	17.0	.0	1.3	.0	49.9	20.0	17.2
Torrance..........	7,926	15.7	2.5	.0	.0	.0	78.5	8.9	17.3
Union.............	4,996	13.9	.0	.0	.0	.0	47.3	24.7	4.7
Valencia..........	58,392	10.8	6.0	.7	.9	.0	55.4	22.0	9.7
New York............	17,663,164	15.9	2.4	.2	.1	.0	13.1	7.6	11.2
Albany............	284,862	10.5	1.2	.1	.0	.0	11.8	8.3	2.1
Allegany..........	51,441	8.0	.5	.0	.2	.0	21.5	10.5	2.3
Broome............	213,129	8.8	1.2	.5	.1	.0	14.5	9.4	1.8
Cattaraugus.......	85,580	8.2	1.7	.7	.0	.0	25.9	10.5	2.7
Cayuga............	79,916	8.3	2.8	.2	.0	.3	24.2	8.9	1.4
Chautauqua........	145,581	9.1	.4	.4	.3	.0	18.8	8.0	1.6
Chemung...........	94,912	9.0	1.9	.8	.1	.0	16.8	8.9	1.7

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985 -Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Gloucester........	13.3	3.0	0.4	0.3	0.2	16.6	15.4	23.1	13	15	51	17
Hudson............	27.3	4.1	.5	.3	.0	31.5	20.2	34.3	50	6	91	1
Hunterdon.........	8.7	2.2	.2	.2	.0	10.9	12.1	18.1	3	21	19	21
Mercer............	20.4	7.0	.6	.6	.1	27.6	19.1	29.8	37	8	87	4
Middlesex.........	17.6	1.9	.3	.4	.2	20.0	13.7	22.8	9	17	67	11
Monmouth..........	19.9	4.0	.8	.2	.1	24.0	15.4	25.1	17	12	80	7
Morris............	14.4	1.6	.4	.1	.1	16.4	13.1	21.4	6	19	50	18
Ocean.............	18.2	2.1	.3	.2	.0	20.5	18.0	29.4	33	9	68	10
Passaic...........	23.8	3.6	.4	.3	.1	27.2	18.3	30.8	37	7	86	5
Salem.............	19.9	2.1	.0	.7	.3	22.4	22.5	33.8	54	4	75	8
Somerset..........	13.2	2.0	.5	.2	.0	15.5	13.8	21.9	8	18	45	20
Sussex............	15.6	5.1	1.9	.2	.2	20.6	15.6	23.7	15	13	69	9
Union.............	16.9	3.0	.0	.2	.1	19.5	14.1	23.3	11	16	65	14
Warren............	15.5	3.7	.4	.0	.0	19.6	18.2	28.4	31	11	65	13
New Mexico..........	18.2	12.4	1.8	.7	.3	32.3	38.6	55.1	-	-	-	-
Bernalillo........	17.4	9.4	1.4	.3	.2	28.5	31.0	45.6	84	24	88	16
Catron............	4.0	.0	.0	.0	.0	4.0	55.2	72.4	98	6	1	32
Chaves............	15.2	13.1	.8	.4	.0	29.0	40.7	57.7	96	15	89	15
Colfax............	14.2	1.9	5.5	.0	.0	21.6	30.0	42.8	80	27	73	23
Curry.............	13.9	8.3	1.9	.5	.0	24.1	28.9	40.4	76	28	80	22
De Baca...........	11.2	.0	.0	.0	.0	11.2	37.8	55.9	94	16	21	30
Dona Ana..........	14.6	5.2	.8	.7	.2	20.7	26.4	38.1	69	30	69	25
Eddy..............	18.2	7.5	.8	.2	.7	26.6	31.1	45.0	84	25	85	18
Grant.............	20.7	8.0	.0	.6	.9	29.0	31.1	48.1	86	22	89	14
Guadalupe.........	21.4	24.0	.0	.0	.0	39.9	68.3	93.2	99	3	96	6
Harding...........	14.7	.0	.0	.0	.0	14.7	8.8	17.7	1	32	40	29
Hidalgo...........	21.3	4.0	.0	.0	.0	25.3	31.6	46.8	85	23	83	21
Lea...............	13.8	6.9	.0	.3	.0	20.8	31.2	44.8	83	26	70	24
Lincoln...........	14.1	2.6	1.4	.0	.0	18.1	35.4	52.8	92	18	59	27
Los Alamos........	7.1	2.8	.8	.9	.0	10.6	18.4	26.6	28	31	18	31
Luna..............	14.9	10.3	2.2	.5	1.4	28.2	42.8	59.6	96	13	88	17
McKinley..........	34.2	54.4	7.9	.6	.0	95.9	84.3	115.1	99	1	99	1
Mora..............	26.2	18.8	.0	.0	.0	44.9	39.7	62.0	96	14	98	5
Otero.............	26.3	10.6	2.2	1.8	.0	39.1	37.1	54.8	94	17	96	7
Quay..............	15.6	8.0	2.1	.0	.0	25.7	36.3	50.7	92	19	84	20
Rio Arriba........	32.2	25.9	3.9	5.3	.6	64.4	81.1	114.1	99	2	99	2
Roosevelt.........	14.5	8.4	.0	.0	.0	20.1	27.8	39.5	73	29	67	26
Sandoval..........	18.7	16.8	1.5	.3	.0	36.3	50.1	69.6	98	9	95	10
San Juan..........	11.9	17.3	4.4	.8	.4	33.3	53.2	70.2	98	8	93	11
San Miguel........	23.7	30.1	1.7	5.5	1.2	54.3	58.3	80.8	99	5	99	3
Santa Fe..........	23.9	12.1	1.3	.4	.4	37.9	42.5	62.8	97	11	96	9
Sierra............	34.0	5.7	.0	.0	.0	38.6	39.2	64.2	97	12	96	8
Socorro...........	13.7	11.6	2.9	.0	.0	26.6	34.8	47.8	89	21	85	19
Taos..............	24.0	23.0	3.0	1.3	.0	48.0	59.2	81.5	99	4	98	4
Torrance..........	20.5	12.3	.0	.0	.0	29.6	51.9	73.4	98	7	89	13
Union.............	15.2	6.6	.0	.0	.0	17.3	32.7	50.4	89	20	55	28
Valencia..........	15.3	12.0	2.2	.9	.3	30.0	44.3	61.7	97	10	90	12
New York............	22.8	5.5	.5	.2	.2	28.5	21.4	34.7	-	-	-	-
Albany............	14.2	2.5	.2	.0	.1	16.8	13.2	22.0	7	57	52	38
Allegany..........	8.9	2.2	.3	.2	.0	11.3	16.2	25.1	19	44	22	56
Broome............	14.4	3.1	.6	.1	.1	17.8	14.2	22.4	10	54	57	25
Cattaraugus.......	14.4	3.8	1.0	.2	.5	19.8	20.0	29.6	39	11	65	17
Cayuga............	15.2	5.7	.2	.1	.6	21.4	19.4	28.3	34	14	72	11
Chautauqua........	13.5	3.2	1.0	.3	1.7	18.7	15.1	23.7	14	49	61	23
Chemung...........	14.2	3.1	1.3	.1	.0	18.3	16.2	24.6	18	46	60	24

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Chenango..........	49,574	10.3	0.3	0.5	0.0	0.0	33.9	7.9	2.0
Clinton...........	80,821	12.0	.6	.2	.0	.3	18.5	7.2	1.3
Columbia..........	60,033	8.2	2.0	.4	.2	.0	22.3	11.6	1.9
Cortland..........	47,878	7.8	.6	.0	.0	.0	19.4	8.8	2.0
Delaware..........	46,774	7.1	2.6	.0	.0	.5	20.7	12.3	2.4
Dutchess..........	248,747	10.5	1.0	.1	.0	.0	21.1	9.7	2.6
Erie..............	995,975	12.7	.9	.4	.0	.0	12.8	8.6	6.4
Essex.............	36,258	7.6	3.1	.4	.2	.0	26.9	9.5	1.6
Franklin..........	44,007	6.7	2.0	.0	.0	.4	27.8	11.8	3.2
Fulton............	55,394	7.7	1.0	.4	.0	.0	22.9	9.8	2.0
Genesee...........	59,120	7.4	1.0	.4	.0	.0	27.3	8.7	1.2
Greene............	41,145	8.9	1.6	.0	.0	.0	29.6	14.1	1.8
Hamilton..........	4,973	10.6	4.2	.0	.0	.0	29.7	27.3	8.5
Herkimer..........	66,805	9.0	.7	1.4	.0	.2	20.3	8.8	2.0
Jefferson.........	88,346	10.6	2.1	.0	.0	.0	22.9	9.5	1.5
Lewis.............	25,119	6.0	.6	.0	.6	.0	26.3	9.2	.9
Livingston........	57,651	6.8	.4	.0	.0	.0	23.6	10.6	2.3
Madison...........	65,819	8.6	.3	.6	.2	.0	24.4	7.7	1.2
Monroe............	703,701	7.7	4.4	.5	.1	.1	11.5	10.1	5.4
Montgomery........	52,959	9.6	1.2	.0	.0	.0	23.2	8.5	1.7
Nassau............	1,323,392	9.6	1.1	.2	.0	.0	12.4	7.8	3.9
New York City.....	7,165,934	23.8	3.9	.0	.1	.0	8.1	6.0	22.2
Niagara...........	222,321	11.4	.7	.5	.0	.0	21.1	10.0	4.2
Oneida............	252,664	9.7	1.2	.2	.0	.0	18.5	9.8	2.2
Onondaga..........	462,755	10.6	2.3	.2	.3	.1	13.6	8.3	3.4
Ontario...........	90,220	7.7	.8	.6	.0	.0	24.1	10.6	2.0
Orange............	267,418	13.0	1.5	.3	.3	.2	20.9	10.3	3.7
Orleans...........	38,601	13.3	1.4	.4	.0	.4	22.9	13.0	1.0
Oswego............	116,300	10.5	1.7	.0	.0	.0	22.8	8.2	1.5
Otsego............	59,199	6.4	.3	.0	.0	.0	20.6	10.0	1.0
Putnam............	78,711	10.4	1.0	.0	.2	.3	20.8	8.4	3.5
Rensselaer........	151,581	10.9	1.1	.2	.1	.0	16.7	9.7	1.5
Rockland..........	261,181	8.4	.5	.2	.1	.0	13.8	6.4	3.5
St. Lawrence......	113,515	10.0	.8	.0	.2	.0	19.8	9.8	1.2
Saratoga..........	156,988	11.2	.2	.1	.0	.0	19.1	8.9	2.0
Schenectady.......	150,155	9.8	1.2	.0	.0	.0	15.6	11.8	1.7
Schoharie.........	29,721	3.8	1.5	.0	.0	.0	31.6	9.5	1.0
Schuyler..........	17,630	10.7	.9	.0	.0	.0	25.0	6.1	1.4
Seneca............	33,293	7.2	1.4	.4	.0	.0	20.2	8.0	1.4
Steuben...........	98,386	9.4	.5	.2	.2	.0	23.9	10.1	2.4
Suffolk...........	1,295,797	11.8	1.4	.1	.1	.0	17.1	8.4	3.7
Sullivan..........	66,392	13.0	1.6	.3	.0	.0	28.9	6.6	4.0
Tioga.............	50,073	8.2	.0	.0	.0	.0	19.8	7.7	2.8
Tompkins..........	87,542	9.8	1.1	.1	.0	.0	14.6	11.9	1.3
Ulster............	160,628	9.1	.5	.3	.1	.0	24.0	6.2	2.7
Warren............	55,026	11.7	2.0	.9	.0	.0	21.8	11.5	.0
Washington........	55,496	8.7	.9	.4	.0	.4	24.6	8.0	1.4
Wayne.............	86,181	7.4	1.2	.0	.0	.0	29.5	7.2	1.7
Westchester.......	867,858	14.1	1.0	.4	.1	.0	11.4	8.2	5.5
Wyoming...........	40,406	10.1	.6	.0	.0	.0	31.7	11.6	1.5
Yates.............	21,280	8.7	.0	.0	.0	.0	23.7	11.3	1.1
North Carolina......	6,042,176	9.7	4.4	.5	.8	1.4	23.9	11.7	9.7
Alamance..........	100,828	6.2	5.7	.1	.9	1.8	20.3	12.6	9.1
Alexander.........	25,764	6.3	2.9	1.5	.0	.8	34.8	13.4	5.8
Alleghany.........	9,707	8.9	2.1	.0	.0	1.4	30.5	21.5	3.9
Anson.............	25,900	13.3	1.9	.0	1.0	1.2	32.5	11.8	18.4
Ashe..............	22,780	2.8	.7	.7	.0	3.4	18.1	16.2	4.7
Avery.............	14,714	6.0	5.5	.0	.0	1.4	22.0	11.0	3.9

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Chenango	14.2	2.2	1.2	0.0	0.0	16.8	21.7	32.7	49	4	52	37
Clinton	15.2	1.2	.5	.0	.3	16.9	15.9	25.8	20	38	53	36
Columbia	12.9	3.9	1.2	.2	.0	17.8	18.4	27.6	30	17	57	26
Cortland	10.4	2.0	.0	.0	.0	11.7	14.6	22.8	11	52	24	55
Delaware	11.4	6.1	.5	.0	1.5	19.1	18.3	27.0	28	21	63	19
Dutchess	15.9	2.6	.2	.1	.4	18.9	17.4	27.5	27	24	62	20
Erie	19.9	2.3	.6	.1	.1	23.1	16.7	27.4	25	30	77	6
Essex	10.7	4.4	1.1	.2	.6	17.0	20.8	29.7	40	10	54	34
Franklin	10.3	4.9	.0	.0	1.3	16.1	20.7	29.9	41	9	48	43
Fulton	11.9	2.0	.9	.0	.0	14.8	17.1	25.7	23	35	41	50
Genesee	10.2	2.5	.5	.0	.0	13.0	18.2	26.9	28	23	31	53
Greene	13.2	2.2	.2	.0	.0	15.3	21.3	32.1	47	5	44	49
Hamilton	21.0	4.2	1.8	.0	.0	27.0	30.5	45.5	83	2	86	2
Herkimer	12.5	2.2	1.8	.1	.2	17.1	17.1	26.1	23	33	54	32
Jefferson	15.4	4.8	.4	.1	.0	19.8	18.7	28.8	33	15	65	15
Lewis	11.1	5.5	2.9	1.7	.0	18.8	16.9	24.8	20	39	62	21
Livingston	11.7	2.1	2.8	.0	.3	17.0	16.3	24.8	19	45	53	35
Madison	13.5	1.8	.6	.2	.0	15.5	17.0	25.8	22	36	45	47
Monroe	11.1	8.1	2.8	.1	.3	21.8	17.5	25.5	23	34	74	9
Montgomery	14.7	2.9	.5	.0	.0	17.2	17.4	26.8	26	29	55	31
Nassau	14.6	2.1	.3	.1	.1	17.4	13.8	22.3	9	55	56	28
New York City	33.5	8.9	.2	.2	.1	41.5	28.8	47.3	84	1	97	1
Niagara	17.4	2.4	.8	.0	.1	20.3	18.6	29.5	35	13	68	13
Oneida	14.2	2.2	.4	.0	.1	16.7	16.2	25.4	20	41	52	39
Onondaga	15.1	5.1	.7	.4	.4	21.1	16.2	25.4	20	40	71	12
Ontario	12.1	1.7	2.3	.1	.0	16.1	17.7	26.6	26	28	49	42
Orange	18.7	4.4	.4	.4	.5	23.9	20.3	32.0	44	8	79	5
Orleans	17.3	4.3	.4	.6	.9	22.8	20.3	32.4	45	7	76	7
Oswego	14.8	2.2	.2	.0	.3	17.1	17.9	27.7	29	18	54	33
Otsego	7.9	2.2	.7	.2	.0	10.3	14.1	21.7	8	56	16	57
Putnam	14.0	2.0	.0	.2	.3	16.3	17.8	27.8	29	19	49	41
Rensselaer	17.2	3.0	.3	.4	.0	20.1	15.4	25.1	17	47	67	14
Rockland	13.9	1.5	.2	.1	.5	15.9	13.0	20.8	6	58	47	45
St. Lawrence	13.5	2.8	.6	.2	.0	17.2	16.0	25.4	19	42	55	30
Saratoga	15.7	1.9	.4	.0	.0	17.7	15.7	25.7	19	43	57	27
Schenectady	17.2	2.1	.4	.0	.2	19.8	14.9	24.3	14	48	65	16
Schoharie	6.2	2.9	.0	.0	.0	9.1	18.7	26.0	27	26	11	58
Schuyler	11.5	3.2	.0	.0	.0	14.7	17.6	27.5	28	22	40	51
Seneca	12.6	2.6	1.4	.0	.0	16.6	15.4	23.1	13	50	51	40
Steuben	13.6	2.7	.8	.2	.0	17.2	17.8	27.7	29	20	55	29
Suffolk	17.8	3.3	.8	.2	.1	21.8	17.1	27.4	26	27	74	10
Sullivan	19.3	6.5	.3	.3	1.4	26.8	22.7	34.7	56	3	85	3
Tioga	11.6	.0	.4	.0	.0	12.3	14.5	22.8	11	53	28	54
Tompkins	12.6	3.0	.1	.0	.0	15.8	14.4	23.5	12	51	46	46
Ulster	13.6	1.8	.4	.2	.0	15.9	17.3	26.4	24	32	47	44
Warren	18.2	3.1	1.7	.0	.0	22.8	19.1	29.8	37	12	76	8
Washington	11.4	2.5	1.2	.2	.8	15.4	17.9	26.9	27	25	45	48
Wayne	11.4	6.8	1.8	.2	.0	19.4	18.9	27.7	31	16	64	18
Westchester	19.5	2.7	.5	.2	1.0	24.0	16.4	27.6	25	31	80	4
Wyoming	14.8	2.8	.0	.1	.5	18.7	21.1	32.3	47	6	61	22
Yates	11.7	1.0	1.1	.0	.0	13.9	16.3	25.7	21	37	36	52
North Carolina	14.5	12.1	2.3	1.0	3.2	30.9	28.0	39.5	-	-	-	-
Alamance	11.4	11.1	1.6	.9	2.6	25.7	26.4	35.6	64	70	84	71
Alexander	10.5	13.2	2.2	.7	3.0	26.6	27.8	38.3	71	56	85	65
Alleghany	10.0	4.3	2.1	.0	1.4	17.8	26.2	38.7	69	61	58	93
Anson	14.7	9.2	2.8	1.0	9.9	34.6	34.2	50.0	90	19	94	32
Ashe	4.3	4.9	1.6	.0	4.4	13.2	19.0	26.0	27	97	32	100
Avery	8.8	10.5	3.3	.0	2.8	25.4	22.6	30.8	47	88	83	74

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Beaufort	41,716	15.9	6.6	0.0	0.9	0.6	26.8	13.4	13.3
Bertie	21,224	11.0	6.7	2.8	.0	2.2	43.2	7.1	11.2
Bladen	30,558	5.7	3.9	.0	.8	.5	27.8	10.6	14.5
Brunswick	40,270	5.4	3.2	.0	.0	.6	30.8	10.6	8.1
Buncombe	164,068	9.4	3.1	1.7	.7	1.2	20.0	15.3	7.1
Burke	73,672	9.3	2.0	.2	.5	.8	20.1	11.3	8.7
Cabarrus	88,849	7.1	1.9	.7	1.6	.7	22.7	13.3	8.3
Caldwell	68,290	7.9	3.6	.8	.5	.9	22.3	13.2	10.2
Camden	5,823	12.2	.0	3.6	.0	3.6	26.6	9.7	.0
Carteret	44,729	9.8	4.5	.0	.0	.9	18.6	6.2	5.4
Caswell	21,500	5.7	2.8	1.0	2.5	.0	35.9	11.8	7.4
Catawba	108,380	12.4	1.6	.4	1.4	1.1	28.0	12.4	7.7
Chatham	34,336	7.1	8.1	.9	.5	2.8	33.1	9.0	15.7
Cherokee	19,490	14.5	6.3	2.4	.0	.0	23.8	13.1	8.1
Chowan	12,811	9.2	2.8	1.7	1.8	.0	24.7	10.4	7.4
Clay	6,813	8.4	3.6	7.3	.0	.0	14.2	17.2	13.8
Cleveland	84,185	8.6	4.6	1.1	1.3	1.9	22.8	11.6	13.4
Columbus	51,565	8.3	6.1	.4	1.3	2.5	37.0	14.3	14.3
Craven	74,585	12.8	3.5	.0	.9	.7	20.4	9.4	9.7
Cumberland	250,463	11.6	3.8	.6	.8	.8	24.9	10.1	11.9
Currituck	12,141	8.6	.0	.0	.0	1.9	23.0	18.0	3.4
Dare	14,987	7.7	3.2	.0	.0	.0	29.5	14.2	4.6
Davidson	115,361	7.1	4.5	.3	.0	1.2	29.8	13.0	8.3
Davie	26,027	8.5	1.5	.0	.8	.7	26.3	14.2	3.1
Duplin	41,202	9.7	5.9	1.1	.6	2.1	36.2	6.1	8.4
Durham	156,696	9.6	8.5	.5	2.0	2.0	13.9	10.8	12.3
Edgecombe	57,210	12.1	7.7	.4	2.2	2.4	23.1	8.7	12.0
Forsyth	250,313	12.5	5.5	.5	1.1	.9	16.4	12.4	8.9
Franklin	31,118	11.3	5.8	.4	.0	4.7	35.5	8.4	21.0
Gaston	166,294	11.5	1.2	1.5	.2	1.0	24.9	11.0	11.8
Gates	9,026	9.4	3.9	.0	.0	2.4	33.1	13.9	9.9
Graham	7,171	5.9	3.1	.0	2.1	3.0	36.7	12.5	6.1
Granville	35,344	7.2	6.0	1.3	1.2	1.0	31.2	15.5	11.2
Greene	16,245	9.2	11.2	1.1	2.3	.0	51.9	12.1	10.2
Guilford	321,429	9.4	5.5	.1	.5	1.2	19.6	11.3	9.0
Halifax	55,787	15.3	6.8	.0	1.4	2.2	27.2	7.6	10.4
Harnett	61,188	8.5	8.0	.0	.7	1.4	34.4	13.6	15.7
Haywood	47,050	7.8	1.9	.0	1.0	.8	22.3	8.6	3.9
Henderson	62,035	8.6	1.7	.0	.0	.5	24.5	16.3	5.0
Hertford	23,623	11.2	6.6	.0	.0	.0	27.8	11.5	9.5
Hoke	21,373	8.2	9.5	1.2	.0	3.4	26.1	8.5	13.3
Hyde	5,959	6.7	.0	.0	.0	.0	32.1	14.4	4.5
Iredell	84,666	7.5	3.4	.3	.3	2.1	25.2	10.3	9.3
Jackson	26,354	8.9	1.7	.5	1.9	.9	14.9	11.5	8.2
Johnston	73,194	8.4	6.3	.3	.3	2.0	39.7	15.4	12.0
Jones	9,731	11.2	5.0	.0	.0	.0	16.2	16.6	4.8
Lee	38,209	11.8	5.8	.9	1.7	1.3	30.5	12.4	9.2
Lenoir	60,185	12.1	5.0	.7	1.6	3.5	26.4	13.4	10.8
Lincoln	43,489	5.2	1.4	.0	.0	3.0	34.9	12.9	8.7
McDowell	35,634	4.5	2.2	.0	.9	1.5	27.3	10.8	5.6
Macon	21,754	3.3	2.6	.6	1.0	1.6	18.4	9.3	3.3
Madison	16,943	4.4	3.4	1.5	.0	.0	32.6	8.6	14.6
Martin	26,318	11.4	2.4	.0	1.2	1.5	31.3	9.2	10.7
Mecklenburg	420,401	12.3	3.1	.2	1.1	2.1	17.0	10.4	13.6
Mitchell	14,436	8.8	2.4	.0	1.5	.0	38.0	7.9	3.0
Montgomery	23,003	4.9	6.6	1.0	.0	1.6	29.0	12.4	21.9
Moore	52,358	15.6	3.7	.5	1.1	2.0	33.4	11.5	10.5
Nash	68,897	9.4	5.8	.6	1.8	3.8	33.5	12.6	10.7
New Hanover	107,345	11.9	5.1	.3	.8	.2	19.2	9.9	7.5
Northampton	22,698	6.4	5.9	.0	.0	3.1	28.9	7.1	17.2

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Beaufort	20.1	15.2	0.8	1.5	0.9	36.4	34.8	50.9	91	17	95	26
Bertie	16.4	12.8	6.8	.0	4.5	37.6	41.0	54.8	95	5	95	22
Bladen	13.5	13.8	1.6	.8	1.3	29.4	28.2	38.5	72	52	89	51
Brunswick	8.2	5.7	.9	1.0	1.4	16.8	24.8	34.3	59	74	52	97
Buncombe	13.5	10.6	4.2	.7	2.9	31.2	25.4	36.4	64	72	91	42
Burke	14.6	8.9	3.3	.7	5.9	29.4	22.1	32.8	51	83	89	50
Cabarrus	9.8	7.9	1.7	1.8	1.2	21.6	24.0	34.0	57	78	73	89
Caldwell	11.1	9.2	2.0	.8	1.5	23.1	25.8	36.5	65	69	77	82
Camden	12.2	10.4	6.0	.0	7.2	25.8	25.4	36.5	64	71	84	69
Carteret	16.0	10.3	1.9	1.2	2.5	27.7	21.1	30.4	43	91	87	59
Caswell	11.3	10.6	4.7	2.5	3.1	30.5	29.5	39.9	76	45	90	48
Catawba	17.9	9.3	2.8	1.6	1.9	30.9	27.4	40.6	74	46	91	45
Chatham	8.3	19.1	9.5	1.1	5.4	41.3	38.2	49.9	92	11	97	10
Cherokee	18.5	10.2	6.9	.0	1.2	36.8	31.0	45.0	83	34	95	24
Chowan	14.5	10.4	6.6	1.8	1.1	34.3	26.1	36.8	66	66	94	33
Clay	12.9	5.4	11.0	.0	.0	33.0	30.3	41.7	79	41	93	40
Cleveland	14.3	7.2	3.1	1.9	3.8	28.0	30.5	41.8	79	39	87	56
Columbus	13.2	12.0	1.0	1.3	3.3	29.4	38.8	52.2	93	7	89	52
Craven	17.0	10.6	2.6	1.6	2.1	31.0	25.3	37.7	66	65	91	44
Cumberland	17.3	10.2	2.1	1.1	1.4	30.0	28.9	41.6	77	43	90	49
Currituck	14.6	6.4	1.2	.0	3.8	24.1	20.3	31.1	43	92	80	78
Dare	10.6	7.3	4.8	.0	.0	22.7	23.8	34.4	58	77	76	86
Davidson	10.3	11.9	1.9	.0	1.8	24.1	28.0	38.8	72	50	80	77
Davie	16.3	5.6	2.3	.8	.7	23.4	21.8	32.2	49	85	78	80
Duplin	15.3	15.3	9.4	.6	5.1	43.6	34.0	45.6	87	28	97	7
Durham	14.2	20.2	2.4	2.3	3.9	39.8	30.7	41.4	79	40	96	17
Edgecombe	18.1	19.2	6.6	2.7	4.8	46.7	34.8	47.4	89	24	98	6
Forsyth	18.4	13.8	2.1	1.2	1.5	34.6	26.5	38.7	70	59	94	31
Franklin	16.8	27.5	.4	.8	6.7	49.7	42.0	56.9	96	4	98	5
Gaston	15.5	4.0	2.1	.3	1.6	22.8	26.8	39.6	72	53	76	85
Gates	9.4	9.8	1.6	.0	6.4	24.9	31.4	44.2	83	35	82	75
Graham	7.0	7.3	6.1	2.1	3.0	23.4	31.4	41.8	81	36	78	79
Granville	9.6	17.3	4.4	1.8	2.2	34.0	33.9	45.7	87	27	93	36
Greene	14.6	22.0	1.1	2.3	2.9	39.9	47.4	61.9	97	3	96	16
Guilford	14.4	13.8	1.4	.8	5.7	33.7	25.9	36.6	65	68	93	37
Halifax	23.7	22.2	1.4	1.4	12.1	56.2	34.6	48.9	89	22	99	2
Harnett	13.7	18.9	1.7	.7	1.8	34.9	38.1	51.5	93	8	94	29
Haywood	12.9	6.8	1.4	1.0	2.0	23.1	19.8	28.6	36	96	77	81
Henderson	13.7	9.4	.9	.2	2.3	26.3	21.6	32.6	49	84	85	66
Hertford	12.2	13.0	2.0	.0	2.3	27.3	29.6	42.3	79	42	86	61
Hoke	14.0	20.4	2.1	.9	3.4	40.0	36.4	47.4	90	21	97	15
Hyde	15.0	5.5	.0	.0	2.6	23.0	21.2	31.5	46	89	77	83
Iredell	11.1	9.6	2.8	.8	3.1	26.7	26.2	36.4	65	67	85	64
Jackson	13.2	12.3	3.1	1.9	1.4	27.2	21.1	30.9	44	90	86	62
Johnston	13.2	16.5	3.5	.5	4.5	34.9	37.7	51.2	93	9	94	30
Jones	15.8	16.6	1.2	.0	.0	31.1	22.0	33.4	52	81	91	43
Lee	16.9	19.6	3.0	2.7	3.5	40.1	34.3	47.7	88	25	97	14
Lenoir	17.4	14.8	2.3	2.0	5.0	40.3	34.8	48.3	89	23	97	12
Lincoln	10.0	5.1	1.8	.0	6.9	22.9	27.9	38.3	71	55	76	84
McDowell	10.0	4.1	2.1	1.3	4.5	19.2	22.7	30.9	48	86	63	92
Macon	4.6	7.8	.6	1.0	1.6	13.5	18.3	24.2	22	99	34	99
Madison	4.4	5.7	7.7	.0	1.5	17.7	29.0	38.9	74	47	57	94
Martin	15.1	6.4	5.0	1.2	2.4	27.9	29.7	42.7	80	38	87	58
Mecklenburg	23.3	10.5	.6	1.3	3.9	35.7	27.1	39.7	72	49	95	27
Mitchell	14.3	5.3	1.5	1.5	2.5	24.7	26.5	37.3	68	64	81	76
Montgomery	7.3	12.0	5.4	.7	3.4	27.1	36.2	47.9	90	20	86	63
Moore	19.3	12.8	3.9	1.4	2.0	37.5	35.0	50.8	91	16	95	23
Nash	15.7	16.3	3.5	2.4	7.0	39.8	37.5	50.2	92	12	96	18
New Hanover	15.1	11.1	1.9	.8	1.3	28.9	24.8	36.3	63	73	88	53
Northampton	9.2	20.4	1.3	.6	6.8	36.7	33.3	44.1	85	32	95	25

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Onslow	117,596	10.5	2.4	0.8	0.6	0.6	20.5	10.5	6.0
Orange	79,072	6.9	9.3	1.1	.6	1.3	18.9	8.5	7.7
Pamlico	10,606	15.7	3.1	.0	.0	.0	52.4	5.6	4.3
Pasquotank	28,759	5.3	2.6	.0	.9	1.9	10.9	8.1	6.8
Pender	23,076	13.1	5.5	1.0	1.9	2.9	28.7	15.4	11.1
Perquimans	9,803	14.3	2.6	.0	.0	.0	31.8	7.0	9.9
Person	29,627	10.6	5.4	.0	.0	.0	28.2	21.5	12.3
Pitt	91,640	6.9	8.3	.9	.2	1.8	20.4	13.8	7.8
Polk	13,741	12.0	8.9	.0	.0	.9	25.2	7.1	7.6
Randolph	94,285	6.7	4.2	.2	.6	1.0	30.8	11.1	6.7
Richmond	45,435	12.2	4.5	1.0	.0	1.2	32.3	7.4	19.1
Robeson	103,864	9.3	3.9	.2	.3	1.9	37.5	9.5	18.2
Rockingham	84,338	10.4	3.1	.9	1.2	2.3	29.4	17.9	8.7
Rowan	100,748	8.4	3.7	.0	.3	1.4	25.5	15.0	8.6
Rutherford	55,268	7.0	3.4	.4	1.6	1.6	29.8	9.0	7.4
Sampson	49,927	8.4	4.8	.0	.0	3.3	34.6	14.7	9.4
Scotland	33,020	16.9	5.5	.0	.0	1.9	32.6	7.1	11.9
Stanly	49,054	7.1	3.0	.0	.0	1.8	22.2	12.8	5.3
Stokes	34,036	7.9	1.7	1.2	.0	1.8	32.4	10.0	8.3
Surry	59,878	8.3	4.9	.2	.6	1.4	18.9	15.2	5.9
Swain	10,569	14.7	7.6	.0	.0	4.7	39.6	20.7	21.5
Transylvania	24,351	6.2	6.6	.0	.0	.0	19.0	9.5	3.6
Tyrrell	4,062	8.0	7.1	.0	.0	.0	18.2	11.7	15.5
Union	73,681	5.5	2.9	.0	.5	.8	22.5	14.2	4.1
Vance	37,403	14.8	12.1	.9	2.7	1.6	25.6	7.0	10.7
Wake	322,543	9.4	4.5	.3	.6	1.1	17.4	11.6	7.6
Warren	16,329	7.2	7.9	2.0	.0	.0	32.8	15.3	8.8
Washington	14,657	12.0	3.9	1.8	.9	1.7	21.3	15.3	4.5
Watauga	32,932	9.1	.0	.9	.0	.5	17.5	15.1	2.1
Wayne	97,969	13.3	5.6	.4	.9	2.0	24.9	11.3	14.1
Wilkes	59,780	6.3	1.8	.7	.5	1.6	26.5	13.6	7.1
Wilson	63,760	15.6	13.0	.3	.7	1.7	34.1	18.4	13.6
Yadkin	28,926	9.3	1.8	.0	.0	.0	27.9	15.3	3.6
Yancey	15,228	5.8	2.3	.0	.0	2.0	27.2	7.3	2.5
North Dakota	672,070	8.0	2.3	.5	.0	.0	18.7	11.1	2.1
Adams	3,584	2.8	7.4	.0	.0	.0	22.6	9.4	.0
Barnes	13,755	8.4	1.9	.0	.0	.0	26.0	7.0	1.5
Benson	7,916	16.4	7.9	.0	.0	.0	57.3	20.6	5.2
Billings	1,211	.0	.0	.0	.0	.0	46.1	.0	.0
Bottineau	9,300	4.9	.0	.0	.0	.0	10.6	19.1	.0
Bowman	4,308	.0	.0	.0	.0	.0	22.3	.0	.0
Burke	3,779	.0	.0	.0	.0	.0	44.2	12.2	.0
Burleigh	57,112	4.6	.7	.9	.0	.0	12.2	10.9	1.6
Cass	91,924	9.5	2.1	.2	.0	.0	10.7	11.6	1.7
Cavalier	7,402	2.7	.0	.0	.0	.0	24.6	14.4	.0
Dickey	7,099	3.0	.0	.0	.0	.0	25.9	6.2	.3
Divide	3,472	9.3	.0	6.3	.0	.0	12.5	10.9	.0
Dunn	4,902	14.5	.0	3.3	.0	.0	40.8	4.3	4.8
Eddy	3,424	.0	.0	.0	.0	.0	38.2	3.5	.0
Emmons	5,850	.0	.0	.0	.0	.0	14.9	16.8	.0
Foster	4,610	4.7	8.0	.0	.0	.0	25.3	7.9	.0
Golden Valley	2,533	.0	.0	.0	.0	.0	25.9	.0	.0
Grand Forks	67,897	7.4	3.0	.6	.0	.0	9.2	9.3	1.9
Grant	4,274	.0	.0	.0	.0	.0	26.1	5.8	.0
Griggs	3,692	9.9	1.5	.0	.0	.0	9.9	.0	.0
Hettinger	4,184	5.1	4.1	4.8	.0	.0	17.7	10.0	.0

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Onslow	13.9	4.5	3.3	0.9	0.8	22.5	22.2	32.9	51	82	75	87
Orange	9.6	21.3	2.8	1.2	2.9	35.0	28.5	37.0	70	58	94	28
Pamlico	21.3	8.5	3.4	.0	.0	33.1	34.6	50.5	90	18	93	38
Pasquotank	8.3	9.2	1.2	.9	1.9	21.5	16.9	23.5	17	100	72	91
Pender	20.3	13.2	2.6	2.9	8.2	41.8	37.0	51.7	92	10	97	9
Perquimans	17.4	6.5	2.2	.0	2.6	28.7	27.9	41.9	76	44	88	54
Person	14.8	13.5	3.0	.0	.8	31.3	31.7	46.3	85	31	91	41
Pitt	11.6	16.1	3.1	.7	2.4	33.1	29.0	38.6	73	48	93	39
Polk	17.8	24.5	.0	.0	.9	40.8	30.4	42.1	80	37	97	11
Randolph	9.8	9.4	1.1	.6	2.6	21.9	27.0	37.1	68	63	74	88
Richmond	17.6	12.9	2.9	.3	2.2	34.3	35.7	50.4	91	14	94	34
Robeson	12.5	11.1	2.2	.3	2.5	28.0	36.3	50.1	91	13	87	57
Rockingham	14.3	10.5	2.6	1.2	5.2	30.9	31.8	45.2	84	33	91	46
Rowan	11.7	12.9	1.5	.4	2.9	27.5	26.7	38.0	69	62	86	60
Rutherford	9.8	10.6	3.5	1.6	3.2	25.5	27.6	37.5	70	60	83	73
Sampson	11.0	18.1	1.5	.9	4.1	34.2	33.5	46.0	87	29	94	35
Scotland	19.9	15.3	.6	.0	7.5	40.3	35.0	50.9	91	15	97	13
Stanly	9.6	9.4	1.6	.0	3.1	21.6	22.1	31.4	47	87	73	90
Stokes	13.3	8.6	2.9	.5	2.3	25.5	27.4	38.4	71	57	83	72
Surry	10.8	9.9	3.2	1.4	3.4	25.8	24.2	34.3	58	76	84	70
Swain	17.5	28.7	5.5	.0	4.7	54.2	49.1	68.6	98	1	99	3
Transylvania	8.3	14.9	1.8	.9	.6	25.9	20.7	28.4	37	95	84	68
Tyrrell	17.5	23.5	.0	.0	.0	38.6	27.6	38.6	72	54	96	20
Union	7.3	6.1	.9	.5	4.8	17.6	20.7	29.3	39	93	56	95
Vance	18.8	29.9	7.3	3.5	4.9	59.6	40.5	54.3	95	6	99	1
Wake	14.5	13.2	2.0	.7	2.1	30.6	23.6	33.8	56	79	90	47
Warren	12.5	30.2	3.7	.0	1.7	43.3	33.9	45.5	87	30	97	8
Washington	20.6	15.5	3.5	1.9	3.5	39.7	27.3	39.5	72	51	96	19
Watauga	9.8	2.1	.9	.0	6.2	16.9	16.5	26.2	22	98	53	96
Wayne	17.5	16.9	2.4	1.6	3.8	37.7	33.7	48.0	88	26	95	21
Wilkes	10.9	2.4	1.1	.5	1.6	15.6	24.4	34.2	59	75	46	98
Wilson	19.5	30.7	2.4	1.5	5.0	53.6	46.6	64.2	98	2	98	4
Yadkin	13.2	13.4	1.3	.7	2.3	28.6	22.1	33.4	52	80	88	55
Yancey	9.4	4.8	5.0	.0	8.3	26.0	20.7	28.4	37	94	84	67
North Dakota	11.0	5.9	1.7	.2	.7	18.4	17.3	25.9	-	-	-	-
Adams	7.3	7.4	.0	.0	.0	14.7	19.9	25.5	28	24	41	24
Barnes	10.7	1.9	.0	.0	.0	12.6	18.4	27.2	29	23	29	29
Benson	20.7	30.7	14.2	.0	3.4	60.0	45.3	64.8	97	4	99	2
Billings	.0	.0	.0	.0	.0	.0	19.4	24.4	25	27	...	...
Bottineau	10.8	3.0	.0	.0	.0	13.8	10.3	17.4	1	46	35	26
Bowman	.0	11.0	6.3	.0	.0	17.3	9.4	11.8	0	53	55	20
Burke	5.1	2.2	.0	.0	.0	7.2	21.0	28.0	37	19	6	41
Burleigh	6.8	2.1	.9	.0	1.2	9.8	11.5	17.4	2	44	14	36
Cass	13.2	8.2	1.4	.3	.9	21.5	13.8	22.3	9	34	72	12
Cavalier	2.7	4.6	.0	.0	.0	7.3	14.3	20.9	7	35	6	40
Dickey	3.0	2.3	.0	.0	.0	5.3	13.5	19.1	5	41	2	46
Divide	11.6	.0	6.3	.0	.0	17.9	17.6	25.9	24	29	58	19
Dunn	17.8	.0	3.3	.0	4.7	25.7	29.4	43.3	80	7	84	9
Eddy	.0	.0	.0	.0	.0	.0	16.7	21.5	13	31	...	...
Emmons	1.8	2.3	.0	.0	.0	4.1	9.6	14.1	0	51	1	47
Foster	4.7	13.5	.0	.0	.0	18.3	22.2	28.9	42	16	60	18
Golden Valley	.0	.0	.0	.0	.0	.0	10.9	13.7	1	49	...	...
Grand Forks	10.9	8.8	1.1	.0	.5	21.0	13.2	20.1	5	38	71	14
Grant	.0	.0	.0	.0	.0	.0	12.1	15.9	2	45	...	...
Griggs	9.9	4.8	.0	.0	.0	11.4	9.7	16.2	1	48	22	34
Hettinger	7.2	9.0	4.8	.0	.0	20.9	20.5	26.9	33	20	70	15

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Kidder...........	3,840	8.4	9.2	0.0	0.0	0.0	0.0	0.0	0.0
La Moure..........	6,333	.0	.0	.0	.0	.0	52.3	3.2	.0
Logan............	3,395	24.4	.0	.0	.0	.0	8.4	13.8	.0
McHenry...........	7,783	7.5	2.0	.0	.0	.0	31.3	3.4	.0
McIntosh..........	4,674	5.5	.0	.0	.0	.0	4.1	18.1	3.9
McKenzie..........	8,068	17.1	.0	.0	1.8	.0	54.9	24.7	2.3
McLean............	12,572	6.1	8.5	.0	.0	.0	19.7	9.5	1.7
Mercer............	12,242	3.3	.0	.0	.0	.0	18.0	20.2	.0
Morton............	25,525	5.4	2.2	.0	.0	.0	14.9	12.5	.7
Mountrail.........	7,957	17.3	3.5	3.5	.0	.0	61.4	20.4	3.3
Nelson............	5,140	6.2	2.3	.0	.0	.0	24.7	7.2	5.1
Oliver............	2,625	9.6	.0	.0	.0	.0	30.1	16.8	.0
Pembina...........	10,414	9.2	2.7	.0	.0	.0	18.1	5.4	5.1
Pierce............	6,094	3.5	.0	.0	.0	.0	26.3	18.2	4.7
Ramsey............	13,011	16.7	.0	.0	.0	.0	19.4	5.5	5.0
Ransom............	6,601	5.4	.0	.0	.0	.0	25.6	8.5	.0
Renville..........	3,637	.0	.0	.0	.0	.0	22.2	8.6	5.7
Richland..........	19,350	10.3	.0	.0	.0	.0	17.1	2.8	1.2
Rolette...........	12,809	28.9	7.4	.0	.0	.0	40.6	14.9	13.0
Sargent...........	5,421	.0	2.0	4.3	.0	.0	39.9	17.8	.0
Sheridan..........	2,783	6.8	.0	.0	.0	.0	40.0	4.8	6.8
Sioux.............	3,683	95.8	48.2	21.0	.0	.0	47.7	21.3	33.5
Slope.............	1,192	11.2	12.1	.0	.0	.0	36.7	.0	.0
Stark.............	25,608	8.0	.0	.6	.0	.0	20.2	13.9	4.9
Steele............	3,032	.0	.0	.0	.0	.0	14.0	17.1	.0
Stutsman..........	23,879	8.4	6.7	.0	.0	.5	19.3	14.2	2.8
Towner............	4,223	3.2	.0	.0	.0	.0	17.1	24.4	.0
Traill............	9,665	6.6	2.8	.0	.0	.0	2.7	11.9	.0
Walsh.............	15,696	7.2	4.1	.0	.0	.0	24.2	21.3	.9
Ward..............	60,511	8.2	1.0	.5	.3	.0	16.5	10.5	1.6
Wells.............	6,937	3.7	.0	.0	.0	.0	23.9	14.7	5.7
Williams..........	25,144	7.2	2.9	1.0	.0	.0	33.5	8.3	1.5
Ohio...............	10,767,455	8.9	1.1	.3	.1	.0	17.1	11.3	6.1
Adams.............	24,353	4.1	.0	2.0	.0	.0	37.3	17.3	3.2
Allen.............	110,685	8.0	1.0	.0	.0	.0	19.3	8.9	6.3
Ashland...........	46,187	9.7	.4	.0	.0	.3	16.9	9.5	1.9
Ashtabula.........	102,592	7.6	1.1	.0	.0	.0	27.3	11.9	5.7
Athens............	56,787	6.2	.0	.4	.0	.0	16.2	8.6	1.1
Auglaize..........	42,967	3.5	1.9	.0	.0	.0	20.1	8.5	1.9
Belmont...........	81,804	7.6	1.2	.0	.1	.0	16.5	8.8	1.5
Brown.............	32,947	5.5	.8	1.5	.0	.0	20.7	15.6	3.1
Butler............	261,963	7.5	1.5	.2	.1	.2	16.3	13.4	4.9
Carroll...........	26,108	4.4	.0	.0	.0	.0	25.0	7.0	1.4
Champaign.........	33,618	2.8	.6	.0	.0	.0	24.6	10.3	2.0
Clark.............	148,385	10.8	.9	.3	.2	.0	15.6	14.2	4.7
Clermont..........	132,546	4.9	.2	.1	.0	.0	23.7	12.0	3.5
Clinton...........	34,601	6.3	.5	.0	.0	.0	25.8	12.8	3.8
Columbiana........	112,586	8.3	.6	.0	.2	.0	20.7	8.9	4.3
Coshocton.........	36,020	9.5	1.5	.0	.2	.0	33.3	13.7	2.8
Crawford..........	49,635	6.4	.8	.2	.0	.0	26.3	7.7	1.8
Cuyahoga..........	1,479,174	14.2	1.3	.5	.1	.1	14.4	14.2	16.0
Darke.............	54,451	4.6	.3	.0	.2	.0	31.9	13.4	2.4
Defiance..........	39,224	4.6	1.7	.0	.0	.0	28.6	10.6	2.7
Delaware..........	55,476	8.8	.8	.0	.0	.0	22.9	9.8	.3
Erie..............	78,061	10.2	2.1	.9	.0	.0	27.4	9.9	3.1
Fairfield.........	94,501	4.0	.7	.3	.2	.0	18.9	9.9	3.2
Fayette...........	27,491	4.4	.9	.0	.0	.0	23.5	3.6	.9

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Kidder	10.3	9.2	5.8	0.0	0.0	25.4	12.6	17.2	3	43	83	10
La Moure	.0	1.4	.0	.0	.0	1.4	22.6	28.9	43	13	0	48
Logan	35.6	.0	.0	.0	.0	35.6	16.3	32.7	37	18	95	5
McHenry	7.5	5.5	.0	.0	.0	13.0	18.9	27.0	30	22	31	28
McIntosh	11.9	.0	.0	.0	.0	11.9	9.5	16.6	1	47	25	33
McKenzie	22.2	1.8	7.7	1.8	.0	33.5	37.9	57.8	95	5	93	6
McLean	11.5	10.7	.0	.0	3.2	20.9	21.9	29.3	42	14	70	16
Mercer	9.6	.0	.0	.0	.0	9.6	13.0	20.2	5	39	13	38
Morton	7.8	5.9	2.0	.4	.0	15.1	13.5	20.3	6	37	43	23
Mountrail	23.9	11.5	11.4	3.5	6.6	53.4	45.5	65.6	98	3	98	3
Nelson	7.8	2.3	2.3	.0	.0	12.5	19.1	27.3	31	21	29	30
Oliver	9.6	.0	.0	.0	.0	9.6	19.9	31.3	42	15	13	39
Pembina	10.6	5.1	.0	.0	.0	15.7	17.5	26.2	25	28	46	22
Pierce	6.1	3.8	.0	.0	.0	9.9	18.3	27.0	28	25	14	35
Ramsey	22.8	8.9	2.8	2.0	1.8	33.1	18.5	31.4	39	17	93	7
Ransom	12.1	.0	.0	.0	.0	12.1	14.7	21.9	10	33	26	32
Renville	.0	.0	.0	.0	.0	.0	13.7	18.6	4	42	...	...
Richland	14.8	1.3	1.6	.0	1.0	18.7	12.5	20.6	5	40	61	17
Rolette	30.2	18.2	1.6	.0	.0	47.8	45.4	70.2	98	2	98	4
Sargent	.0	2.0	4.3	.0	.0	6.3	26.6	34.0	62	8	4	44
Sheridan	6.8	.0	.0	.0	.0	6.8	23.7	33.8	56	9	5	42
Sioux	122.9	62.5	21.0	.0	6.7	199.2	148.5	214.8	99	1	99	1
Slope	11.2	12.1	.0	.0	.0	23.3	32.1	42.2	82	6	78	11
Stark	10.6	3.4	.6	1.1	.0	13.7	17.5	27.3	27	26	35	27
Steele	.0	6.2	.0	.0	.0	6.2	9.3	13.8	0	52	4	45
Stutsman	8.9	16.1	3.6	.0	.5	27.8	22.9	32.5	52	11	87	8
Towner	6.5	.0	.0	.0	.0	6.5	13.4	21.2	6	36	5	43
Traill	7.7	4.8	.0	.0	.0	12.5	9.0	14.9	1	50	29	31
Walsh	8.3	5.0	1.3	.0	1.5	16.2	21.9	32.2	49	12	49	21
Ward	11.1	2.2	.5	.3	.3	14.7	15.0	23.2	13	32	40	25
Wells	4.9	.0	4.8	.0	.0	9.8	17.2	25.3	22	30	14	37
Williams	11.6	5.8	4.2	.0	1.2	21.4	23.3	32.6	53	10	72	13
Ohio	13.7	3.2	1.4	.1	.8	18.9	17.5	27.2	-	-	-	-
Adams	6.5	2.4	4.9	.5	2.0	18.1	24.2	34.0	58	4	59	23
Allen	12.5	2.0	.0	.0	.0	14.2	17.2	26.2	24	36	38	45
Ashland	12.0	2.2	.6	.4	2.2	17.0	14.5	23.6	12	64	54	27
Ashtabula	11.3	1.9	.2	.0	.2	13.3	20.8	30.9	43	10	33	52
Athens	9.3	.8	.9	.0	1.3	12.5	11.9	18.7	3	84	29	59
Auglaize	6.0	4.2	.0	.0	.5	10.6	14.4	20.3	7	79	18	70
Belmont	12.0	2.7	.1	.1	.1	14.9	13.9	21.6	8	75	42	37
Brown	8.2	2.5	1.5	.0	.0	12.9	17.8	26.3	25	34	31	54
Butler	11.6	4.4	2.2	.1	.3	18.2	17.0	25.9	23	40	59	22
Carroll	7.0	1.3	.7	.0	.0	8.9	14.4	20.9	7	77	11	82
Champaign	8.1	1.8	.7	.0	.6	10.5	15.1	21.4	9	71	17	71
Clark	15.6	2.8	1.0	.2	.0	19.7	17.4	28.1	29	28	65	17
Clermont	8.3	1.5	1.9	.0	.4	12.2	16.3	24.2	17	55	27	60
Clinton	12.5	3.0	2.9	.0	1.2	20.2	18.2	27.2	29	29	68	14
Columbiana	12.7	4.5	3.3	.2	.5	20.9	16.7	25.7	22	43	70	13
Coshocton	15.4	2.3	.6	.2	.7	19.2	23.6	35.2	59	3	63	19
Crawford	12.8	2.5	.6	.5	.9	16.5	17.0	25.0	20	46	51	30
Cuyahoga	20.9	3.5	.9	.2	.7	25.9	24.3	38.7	66	1	84	2
Darke	7.2	1.2	1.1	.6	.4	10.5	19.6	28.3	34	19	17	75
Defiance	7.5	3.7	1.1	.0	.5	12.8	19.0	26.8	30	27	30	56
Delaware	10.4	2.9	.7	.0	.3	13.7	16.1	25.1	19	50	35	49
Erie	16.1	4.5	4.9	.2	.3	25.3	22.2	32.9	51	6	83	3
Fairfield	7.0	1.3	.4	.2	1.3	10.3	14.3	20.7	7	78	16	77
Fayette	5.6	1.5	.9	.0	1.7	9.8	13.7	19.5	5	81	14	80

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Franklin	884,643	8.6	2.2	0.1	0.1	0.2	10.6	10.3	2.8
Fulton	37,996	2.9	.0	.5	.0	.0	37.5	10.3	1.5
Gallia	29,908	9.0	.7	.7	.0	.0	24.8	10.5	2.8
Geauga	74,383	5.7	.9	.0	.0	.0	23.0	10.7	2.4
Greene	129,508	7.1	1.6	.0	.0	.1	17.0	9.1	2.0
Guernsey	41,368	5.7	.0	.0	.0	.0	24.8	13.7	3.2
Hamilton	870,282	10.2	2.8	.6	.0	.0	11.4	12.9	6.9
Hancock	65,184	5.4	.3	.0	.0	.0	20.8	13.3	3.2
Hardin	32,077	3.5	.8	1.1	.0	.0	24.1	7.9	1.9
Harrison	17,396	7.1	1.5	.0	.0	.0	26.2	12.4	.6
Henry	28,380	5.9	.0	.0	.0	.0	42.7	11.2	2.2
Highland	33,913	4.7	.7	.0	.0	.0	29.0	17.1	3.3
Hocking	24,429	10.8	1.3	.0	.0	.0	14.1	16.5	3.4
Holmes	30,116	2.2	.0	.0	.0	.0	22.8	8.7	.7
Huron	54,714	7.9	.4	.4	.0	.0	27.1	13.4	1.1
Jackson	30,406	5.5	1.3	.0	.0	.0	22.9	6.6	2.2
Jefferson	88,986	9.3	.9	.0	.4	.3	14.8	10.2	4.0
Knox	46,991	5.2	.3	.4	.0	.0	16.3	12.5	1.0
Lake	213,138	8.7	.5	.1	.0	.0	17.9	11.8	2.7
Lawrence	63,153	10.1	.3	.4	.0	.0	17.5	7.6	4.8
Licking	122,700	6.6	1.1	.4	.1	.0	15.8	11.4	2.5
Logan	39,362	9.0	1.9	.4	.0	.0	33.9	17.2	1.7
Lorain	272,219	8.5	.4	.3	.1	.0	17.3	11.4	5.4
Lucas	467,084	12.2	1.2	.1	.2	.0	17.6	14.8	9.3
Madison	33,878	5.5	.5	.6	.0	.0	25.3	10.9	1.0
Mahoning	284,290	10.0	1.5	.3	.1	.0	14.4	11.4	11.7
Marion	66,929	8.1	.7	.0	.0	.0	21.5	10.0	4.2
Medina	114,207	6.0	.6	.4	.0	.2	17.6	12.4	1.7
Meigs	23,538	8.7	2.9	.0	.0	.0	22.8	18.7	4.5
Mercer	38,537	6.0	.0	.0	.0	.0	28.5	8.1	2.9
Miami	89,629	5.3	.8	.5	.0	.0	22.3	9.5	4.2
Monroe	16,887	7.8	1.4	.0	.0	.0	20.7	18.7	6.8
Montgomery	567,015	9.5	.8	.2	.1	.0	15.9	9.9	11.3
Morgan	14,172	2.5	1.7	.0	.0	.0	21.7	16.0	1.7
Morrow	26,776	3.2	.9	.0	.0	.0	16.9	8.8	1.0
Muskingum	83,881	8.5	2.7	.0	.3	.0	17.6	9.8	3.2
Noble	11,277	5.4	.0	.0	.0	.0	24.8	5.3	.0
Ottawa	39,961	4.7	.9	.0	.0	.0	23.9	6.9	2.3
Paulding	21,017	2.6	.0	.0	.0	.0	42.9	6.6	1.9
Perry	31,280	5.9	.8	.0	.0	.0	26.2	9.8	1.6
Pickaway	43,572	2.9	.8	.5	.0	.0	23.9	9.0	2.4
Pike	24,051	4.5	2.7	.0	.0	.0	27.4	14.2	2.3
Portage	136,174	6.5	.3	.0	.0	.0	19.7	10.0	2.9
Preble	38,381	7.1	.0	.0	.0	.0	30.5	11.2	5.5
Putnam	33,498	6.8	.0	.0	.0	.0	30.9	9.1	.6
Richland	129,763	10.1	1.0	.3	.1	.0	19.1	10.6	4.7
Ross	66,298	8.6	.6	.0	.0	.0	24.5	7.9	1.3
Sandusky	62,676	5.1	.4	.0	.0	.0	32.7	7.4	4.0
Scioto	84,307	8.9	.6	.7	.0	.3	18.1	12.3	6.4
Seneca	61,856	5.8	.4	.0	.0	.0	23.3	10.1	3.5
Shelby	43,334	4.6	.0	.5	.0	.0	16.0	10.0	3.5
Stark	376,571	6.9	.5	.4	.1	.1	17.8	10.3	5.2
Summit	517,220	8.2	.8	.1	.1	.0	7.0	7.9	1.6
Trumbull	238,307	8.7	.5	.0	.0	.1	19.2	9.6	5.6
Tuscarawas	85,097	7.1	.9	.5	.0	.3	24.5	13.0	2.7
Union	30,141	2.3	.8	.0	.0	.0	30.3	9.0	.3
Van Wert	30,133	5.0	.8	.0	.0	.0	22.8	9.6	4.5
Vinton	11,475	10.0	.0	.0	.0	.0	22.0	14.3	9.5
Warren	100,826	6.4	.2	1.0	.1	.0	21.8	9.5	2.4
Washington	64,422	8.4	.4	.7	.0	.0	22.6	8.4	1.4

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Franklin	13.5	5.1	0.5	0.2	1.0	19.2	13.9	21.9	8	74	63	20
Fulton	4.7	.0	.5	.0	.6	5.9	20.2	27.9	35	18	3	87
Gallia	12.9	.7	1.4	.0	.0	14.9	18.8	28.7	34	20	42	36
Geauga	8.8	1.4	.0	.0	.0	10.2	16.2	24.0	17	57	16	78
Greene	11.2	6.3	3.4	.3	.5	20.9	14.6	22.1	10	70	70	12
Guernsey	9.6	1.1	.0	.0	.0	10.8	17.0	25.7	22	41	18	68
Hamilton	14.9	5.9	4.0	.0	.2	24.8	18.2	28.3	31	25	82	4
Hancock	8.4	2.8	1.4	.0	.6	12.8	15.4	23.4	14	62	30	55
Hardin	5.0	2.1	1.1	.0	.0	8.1	15.9	22.1	12	66	8	83
Harrison	8.1	4.2	1.5	.0	.0	13.8	18.2	27.1	28	30	35	48
Henry	11.2	.0	1.6	.0	.8	13.6	23.6	33.8	56	5	34	50
Highland	6.1	3.2	1.4	.0	.5	11.9	19.8	29.0	36	15	25	62
Hocking	14.4	5.6	1.4	.0	.0	21.4	16.7	27.5	25	33	72	10
Holmes	3.7	2.2	.7	.0	.0	6.0	12.5	17.8	3	85	4	86
Huron	12.2	2.2	.4	.0	.4	14.6	18.6	28.3	32	22	40	41
Jackson	9.7	3.5	1.3	.4	.0	14.8	15.5	22.5	12	65	41	38
Jefferson	14.0	2.8	.4	.9	6.3	24.0	15.5	24.6	16	58	80	6
Knox	9.2	.6	1.1	.0	.0	10.9	12.6	19.4	4	82	20	66
Lake	13.3	1.8	.4	.0	.0	15.1	15.3	24.4	16	60	43	35
Lawrence	12.8	1.3	1.3	.0	1.1	16.5	15.9	25.4	19	49	51	31
Licking	11.1	2.7	1.1	.1	.0	14.1	14.3	22.0	9	72	37	46
Logan	10.5	2.8	1.0	.0	.0	14.3	24.4	36.2	62	2	38	44
Lorain	12.9	1.5	.6	.1	.4	15.1	16.4	25.8	21	44	43	34
Lucas	19.9	3.4	1.7	.3	3.3	27.3	21.2	33.9	51	7	86	1
Madison	8.7	1.0	.6	.0	.7	11.1	16.6	24.4	18	51	20	65
Mahoning	15.7	4.1	1.5	.2	.8	21.7	19.8	30.7	41	13	73	8
Marion	15.1	2.9	1.3	.2	3.3	21.6	17.0	26.1	23	37	73	9
Medina	9.9	1.0	.4	.0	.6	12.1	14.4	21.9	9	73	26	61
Meigs	14.0	7.0	1.7	.0	3.2	24.6	21.9	33.0	51	8	81	5
Mercer	9.7	1.1	.7	.4	.6	11.7	17.4	25.6	23	38	24	63
Miami	9.8	1.4	1.1	.2	.6	13.1	16.7	24.3	18	52	31	53
Monroe	11.9	1.4	.0	.0	2.8	14.7	20.3	31.1	43	11	41	39
Montgomery	15.3	3.4	1.5	.2	.1	19.9	19.0	29.5	36	16	66	16
Morgan	10.9	3.5	.0	.0	.0	14.4	15.8	22.6	13	63	39	43
Morrow	6.6	.9	.0	.0	.0	7.5	11.5	16.8	2	87	7	84
Muskingum	13.6	5.6	.6	.3	.0	19.4	17.4	26.2	24	35	64	18
Noble	7.6	.0	2.3	.0	2.3	10.5	13.7	20.2	6	80	17	73
Ottawa	9.1	1.2	.6	.0	.5	11.4	15.3	22.1	11	67	22	64
Paulding	6.6	2.1	.8	.0	1.0	10.5	21.3	28.9	40	14	17	74
Perry	9.9	2.7	.4	.0	1.1	13.8	16.9	24.9	20	47	35	47
Pickaway	5.6	.8	.5	.0	.0	6.9	15.5	21.6	10	69	5	85
Pike	9.3	4.4	2.3	.0	.6	16.9	19.9	28.1	35	17	53	28
Portage	11.7	1.2	.5	.2	1.2	14.6	14.7	22.6	10	68	40	42
Preble	10.1	1.1	.9	.0	.4	12.6	20.5	30.6	42	12	29	58
Putnam	8.1	.6	.0	.0	1.2	9.4	17.8	26.5	26	31	12	81
Richland	14.1	5.1	1.2	.1	1.7	21.3	17.9	28.1	30	26	71	11
Ross	12.1	.6	.0	.0	2.0	14.7	16.6	25.5	21	45	41	40
Sandusky	8.8	2.2	1.5	.0	1.4	12.8	19.6	27.9	33	21	30	57
Scioto	13.4	3.2	.7	.4	.5	18.6	18.3	28.3	31	24	61	21
Seneca	10.0	4.1	5.3	.0	1.8	20.2	16.2	24.2	17	54	68	15
Shelby	8.4	1.1	1.0	.0	.5	10.5	12.7	19.2	4	83	17	72
Stark	10.1	2.5	4.6	.2	.3	17.2	15.9	24.2	16	59	55	26
Summit	12.3	2.5	1.0	.1	1.2	16.8	9.6	16.5	1	88	52	29
Trumbull	13.1	2.4	.1	.0	.4	16.5	16.8	26.2	23	39	51	32
Tuscarawas	10.2	4.8	1.1	.4	3.3	17.6	18.7	27.9	31	23	57	25
Union	3.4	.8	.0	.8	.0	4.9	16.4	22.5	14	61	2	88
Van Wert	8.4	.8	.0	.0	1.5	10.7	16.5	24.1	18	53	18	69
Vinton	11.7	6.8	.0	.0	4.0	22.5	20.7	32.5	47	9	76	7
Warren	9.4	1.6	2.5	.1	.4	13.4	16.2	24.1	17	56	33	51
Washington	12.8	1.7	1.7	.0	3.0	17.9	16.4	25.1	19	48	58	24

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Wayne............	98,701	2.6	1.2	0.2	0.0	0.0	18.0	8.0	0.8
Williams..........	36,284	7.2	1.1	.0	.4	.0	26.8	10.6	.0
Wood..............	107,984	5.1	.0	.0	.2	.2	21.7	8.6	1.9
Wyandot...........	22,614	5.8	.8	.0	.0	.0	25.2	10.9	2.7
Oklahoma............	3,189,268	8.2	3.1	.4	.1	.2	27.7	13.0	9.1
Adair.............	19,181	11.0	1.9	.0	.0	.0	54.3	4.9	3.8
Alfalfa...........	7,167	9.4	1.9	.0	.0	.0	44.0	14.6	1.9
Atoka.............	13,340	4.5	.0	.0	.0	.0	58.0	4.1	13.5
Beaver............	7,106	.0	.0	.0	.0	.0	42.7	13.5	10.1
Beckham...........	22,247	8.0	.5	3.2	.0	1.2	31.0	13.4	14.0
Blaine............	13,979	38.3	13.7	.0	.0	.0	71.1	10.6	17.0
Bryan.............	31,665	10.2	2.5	.0	.0	.0	30.6	11.2	12.4
Caddo.............	33,033	21.9	2.0	.7	.7	.0	52.2	10.1	11.2
Canadian..........	63,810	9.8	.6	.0	.0	.7	28.3	15.4	7.1
Carter............	45,736	6.3	5.8	1.6	.0	.0	28.6	13.7	13.9
Cherokee..........	32,523	8.5	1.2	.0	.0	.0	26.0	11.2	11.2
Choctaw...........	16,879	12.0	3.8	.0	.0	.0	32.3	4.2	15.2
Cimarron..........	3,834	6.6	.0	.0	.0	.0	60.6	6.6	8.1
Cleveland.........	146,160	5.7	2.3	.5	.0	.0	22.9	12.8	2.7
Coal..............	6,076	1.3	4.5	.0	.0	4.7	25.8	19.6	12.8
Comanche..........	118,640	10.2	5.3	.2	.0	.4	18.2	10.9	10.7
Cotton............	7,217	4.2	2.1	3.2	.0	.0	20.4	11.1	9.6
Craig.............	15,302	8.7	.4	.0	.0	.0	39.8	14.6	7.5
Creek.............	64,377	6.7	1.8	.4	.0	.6	28.9	10.3	8.8
Custer............	29,249	12.6	7.6	2.0	.0	.0	31.7	9.9	5.7
Delaware..........	26,061	6.1	2.0	.0	.8	.0	33.7	12.1	4.7
Dewey.............	6,333	13.6	9.8	.0	.0	.0	49.4	20.9	4.0
Ellis.............	6,033	.0	.0	.0	.0	.0	28.3	14.9	3.5
Garfield..........	64,601	6.4	1.9	.8	.0	.3	28.8	13.0	8.9
Garvin............	29,342	11.6	2.5	.3	.0	.8	43.5	12.9	3.9
Grady.............	42,754	3.9	4.0	.0	.0	.0	35.7	15.6	6.5
Grant.............	6,689	9.3	.0	.0	.0	.0	16.7	3.1	5.0
Greer.............	7,128	3.1	.5	.0	.0	.0	32.7	14.5	3.9
Harmon............	4,645	13.3	.0	.0	.0	7.1	32.2	12.0	6.2
Harper............	4,845	6.1	2.8	.0	.0	.0	109.2	21.8	4.2
Haskell...........	11,480	11.2	3.3	.0	.0	.0	32.1	7.5	6.1
Hughes............	14,740	5.7	.0	.0	.9	.0	16.9	13.5	14.5
Jackson...........	30,921	9.3	2.2	.0	.0	.9	29.7	8.9	7.8
Jefferson.........	8,247	4.9	4.2	.0	.0	.0	50.9	4.8	6.3
Johnston..........	10,705	5.8	4.8	.0	.0	.0	42.5	7.6	15.1
Kay...............	51,862	4.7	5.5	.5	.2	.0	30.8	10.7	4.7
Kingfisher........	15,444	7.2	.0	1.4	.0	.0	39.7	13.1	5.9
Kiowa.............	12,940	6.6	7.4	.0	.0	.0	36.9	15.3	8.1
Latimer...........	10,093	10.4	1.0	.0	.0	.0	24.7	13.5	11.1
Le Flore..........	42,278	9.1	2.8	.6	.0	.0	35.8	10.8	8.8
Lincoln...........	28,337	2.3	.6	.0	.0	.0	41.3	11.7	5.5
Logan.............	29,107	3.1	1.6	.9	.0	.0	27.4	14.7	5.7
Love..............	7,798	8.6	2.9	.0	.0	.0	47.0	15.2	15.6
McClain...........	22,554	4.1	1.0	2.6	.0	.0	33.2	11.3	1.8
McCurtain.........	36,453	15.4	2.3	.6	.0	.0	47.9	8.6	23.6
McIntosh..........	16,499	8.2	1.9	1.7	.0	.0	47.1	9.9	11.8
Major.............	9,258	7.2	.0	.0	.0	.0	39.1	5.3	.0
Marshall..........	11,092	6.4	7.5	.0	.0	.0	34.4	7.6	13.2
Mayes.............	34,015	4.8	.5	.0	.0	.0	43.9	8.0	7.6
Murray............	12,809	8.6	6.5	.0	.0	.0	28.6	16.5	1.8
Muskogee..........	68,927	7.1	2.9	.0	.2	.0	26.7	12.1	9.7

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Wayne	5.9	3.7	0.9	0.0	0.8	10.9	12.1	17.0	2	86	19	67
Williams	10.5	6.2	.0	.4	.0	16.1	17.8	26.5	26	32	48	33
Wood	8.1	.4	.7	.2	.9	9.8	14.2	21.1	7	76	14	79
Wyandot	8.0	1.3	1.0	.0	.0	10.3	17.2	25.4	22	42	16	76
Oklahoma	11.4	6.5	1.6	.2	.4	19.5	25.6	36.9	-	-	-	-
Adair	12.9	4.0	2.3	.0	.0	18.3	31.9	45.3	85	17	60	36
Alfalfa	11.6	3.8	7.1	.0	.0	22.5	28.0	40.7	75	31	75	20
Atoka	8.1	1.6	1.7	.0	.0	13.0	33.4	45.2	86	15	31	61
Beaver	1.5	.0	.0	.0	.0	1.5	25.4	34.1	60	51	0	77
Beckham	11.3	2.5	5.6	.0	1.2	20.5	30.5	42.8	81	25	68	26
Blaine	45.7	21.8	5.4	.0	.0	65.0	69.4	102.7	99	1	99	1
Bryan	11.4	7.6	1.5	.0	.0	21.0	27.6	40.5	74	32	71	24
Caddo	26.5	8.6	3.0	.7	.0	36.2	41.7	62.9	97	3	95	2
Canadian	10.4	3.7	1.9	.0	.7	16.7	23.6	35.9	60	50	52	43
Carter	8.7	10.6	4.3	.0	.5	23.6	31.2	42.4	81	23	79	17
Cherokee	11.1	1.9	.5	.0	1.5	15.5	23.1	34.3	56	57	45	51
Choctaw	17.8	9.7	.0	.0	.0	27.5	30.3	43.6	81	22	86	9
Cimarron	6.6	5.4	.0	.0	5.6	17.7	33.3	46.0	87	13	57	39
Cleveland	8.4	4.8	1.9	.2	.1	15.2	18.6	26.8	28	71	44	53
Coal	8.0	6.8	.0	.0	4.7	19.5	30.6	39.6	77	29	64	33
Comanche	14.7	11.2	1.7	.2	.5	26.7	24.8	36.0	62	47	85	11
Cotton	6.6	2.1	5.3	.0	.0	14.1	22.3	30.3	45	63	37	60
Craig	12.1	3.5	.0	.0	.0	15.7	27.1	39.9	73	35	46	49
Creek	9.6	5.2	.8	.0	.6	15.6	23.9	33.9	57	56	46	50
Custer	18.9	11.7	4.8	.0	1.0	34.3	32.8	45.7	86	16	94	3
Delaware	7.8	7.9	1.0	.8	.0	16.6	24.0	33.8	57	55	51	44
Dewey	22.1	12.0	.0	.0	.0	34.1	42.2	59.2	96	5	93	4
Ellis	.0	.0	2.7	.0	.0	2.7	16.5	22.7	14	74	0	76
Garfield	9.9	5.7	1.5	.0	.3	17.1	24.4	34.8	59	53	54	42
Garvin	14.2	4.9	2.0	.0	.8	20.0	31.1	45.0	83	20	67	31
Grady	7.3	10.5	3.3	.0	.0	20.7	26.8	36.6	67	41	69	25
Grant	12.0	8.4	.0	.0	.0	20.4	13.8	22.1	8	75	68	28
Greer	12.2	2.4	5.2	.5	.0	20.3	20.3	28.7	37	69	68	29
Harmon	15.2	14.7	.0	.0	7.1	29.9	31.4	45.3	84	18	90	6
Harper	9.2	7.0	.0	.0	.0	12.1	57.5	77.3	98	2	26	66
Haskell	16.6	11.6	.0	.0	.0	24.9	25.7	37.6	67	40	82	14
Hughes	6.9	10.4	.0	.9	3.9	16.4	19.8	29.5	38	68	50	46
Jackson	10.2	4.9	.6	.0	.9	15.3	24.9	36.0	63	46	44	52
Jefferson	6.6	8.5	.0	.0	.0	15.1	31.6	41.7	81	24	43	54
Johnston	8.8	10.0	.0	.9	2.1	21.7	33.7	45.3	86	14	73	22
Kay	7.8	12.9	2.4	.2	.0	23.1	25.5	34.0	60	49	77	18
Kingfisher	10.2	1.6	2.9	1.6	.0	14.7	26.5	37.9	69	38	40	56
Kiowa	12.4	11.9	2.7	.0	.0	28.8	32.5	44.1	84	19	88	8
Latimer	13.5	4.4	.0	.0	.0	16.6	23.6	36.2	61	48	51	45
Le Flore	11.3	10.0	2.4	.0	.0	21.2	28.4	40.6	75	30	71	23
Lincoln	6.4	2.2	.8	.0	.0	8.8	23.8	32.5	54	59	10	72
Logan	7.7	4.6	1.7	.0	.0	14.6	21.0	29.1	40	65	40	57
Love	8.6	4.2	.0	.0	.0	12.8	36.6	51.6	92	8	30	62
McClain	8.5	3.5	3.6	.0	.8	15.8	22.3	30.4	45	62	47	48
McCurtain	19.1	5.2	2.0	.0	.0	26.9	42.2	61.2	97	4	85	10
McIntosh	10.5	4.9	2.4	.0	.0	17.7	34.2	47.5	88	11	57	38
Major	7.2	.0	.0	.0	.0	7.2	20.4	29.5	39	66	6	75
Marshall	8.6	9.6	2.3	.0	.0	20.4	32.3	43.1	83	21	68	27
Mayes	7.3	3.2	.7	.0	.0	10.9	26.1	36.2	65	43	19	70
Murray	11.3	12.6	1.8	.0	.0	24.6	26.1	37.0	67	42	81	15
Muskogee	10.2	6.8	.5	.2	.3	17.8	24.2	34.7	59	54	58	37

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Noble	11,801	5.8	0.0	0.0	0.0	0.0	53.3	20.5	2.1
Nowata	11,480	3.4	2.2	.0	.0	.0	24.2	5.5	15.4
Okfuskee	11,625	4.8	.0	2.0	.0	2.1	24.7	17.0	12.8
Oklahoma	603,243	9.8	4.8	.6	.3	.3	23.4	15.8	13.6
Okmulgee	40,011	10.0	2.2	.0	.0	.0	29.6	12.8	13.3
Osage	40,735	8.5	3.8	.0	.0	.0	29.1	10.4	7.5
Ottawa	33,564	5.3	.3	.0	.0	.0	41.9	10.2	3.5
Pawnee	16,296	6.4	3.6	.0	.0	.0	36.9	15.5	3.9
Payne	64,377	4.6	1.4	.9	.0	.0	15.6	10.8	2.8
Pittsburg	42,262	6.8	8.8	.0	.2	.0	44.7	15.9	10.5
Pontotoc	33,976	13.4	1.7	.0	.0	.0	34.0	13.7	7.7
Pottawatomie	58,958	8.7	3.1	.9	.0	.0	30.4	13.8	9.6
Pushmataha	11,922	10.1	3.4	.0	.0	.0	51.7	12.5	17.0
Roger Mills	5,465	5.0	.0	3.8	.0	.0	57.0	15.6	8.5
Rogers	50,983	5.2	.4	.9	.0	.0	24.6	11.7	3.6
Seminole	28,381	12.2	3.5	2.6	.5	.5	42.8	9.9	7.8
Sequoyah	32,436	6.0	1.3	.0	.0	.0	31.2	9.0	9.6
Stephens	44,780	5.0	3.6	.7	.0	.0	32.2	13.7	10.0
Texas	18,120	3.6	4.3	.0	.0	.0	45.2	15.6	1.2
Tillman	12,055	5.2	1.3	.0	.0	.0	47.2	17.7	15.1
Tulsa	493,191	8.9	2.6	.0	.1	.1	19.0	14.7	8.6
Wagoner	45,961	3.4	2.2	.0	.0	.0	29.9	12.4	4.8
Washington	48,251	8.1	2.0	.0	.0	.0	20.2	12.9	5.2
Washita	14,678	.5	1.1	.0	.0	.0	29.4	3.4	7.8
Woods	10,886	4.7	.0	.0	.0	.0	16.5	5.7	2.5
Woodward	22,320	8.3	1.2	.0	.0	.7	31.8	12.2	6.4
Oregon	2,647,648	10.5	2.3	.3	.1	.0	24.0	14.0	4.6
Baker	16,112	7.8	.0	.0	.0	.0	19.4	16.8	3.8
Benton	66,715	6.9	.3	.0	.0	.0	12.7	12.4	2.7
Clackamas	246,206	6.6	1.8	.2	.1	.0	24.8	12.2	3.2
Clatsop	32,514	15.1	1.4	.5	.6	.0	25.4	16.6	2.1
Columbia	36,207	10.0	1.7	.5	.0	.0	39.7	9.9	2.5
Coos	62,242	11.0	1.4	.0	.4	.0	23.7	16.5	6.2
Crook	13,047	10.7	2.4	.0	.0	.0	36.2	26.8	2.8
Curry	16,808	4.9	5.5	.0	1.3	.0	43.4	16.9	5.4
Deschutes	63,344	8.2	3.8	.4	.3	.0	31.4	16.9	5.1
Douglas	92,883	8.6	1.9	.0	.2	.0	32.7	12.6	3.1
Gilliam	2,001	20.0	.0	.0	.0	.0	36.0	14.4	.0
Grant	8,194	2.9	2.0	.0	.0	.0	49.1	18.2	12.6
Harney	7,728	12.2	7.7	2.3	.0	.0	43.9	21.2	9.1
Hood River	16,297	7.8	.0	.0	.0	.0	25.9	6.2	2.4
Jackson	134,450	7.2	2.0	.3	.1	.0	24.3	14.1	3.8
Jefferson	12,049	15.4	3.8	.0	.0	.0	74.0	22.9	13.9
Josephine	61,375	8.3	1.5	.0	.0	.3	22.6	13.3	5.3
Klamath	58,535	14.2	2.9	1.1	.2	.3	35.1	18.8	6.2
Lake	7,571	8.6	4.0	.0	.0	2.0	47.2	12.6	6.5
Lane	268,032	8.1	1.2	.3	.0	.0	21.4	13.6	3.3
Lincoln	35,816	12.5	1.6	.0	.3	.0	28.4	19.4	3.5
Linn	89,792	6.5	1.4	.1	.6	.0	28.2	12.6	3.5
Malheur	27,927	5.3	1.2	.0	.6	.0	29.8	11.6	5.3
Marion	207,934	8.9	.9	.1	.1	.0	23.3	15.0	3.9
Morrow	7,711	5.3	8.0	.0	.0	.0	42.0	10.5	2.5
Multnomah	561,087	18.9	4.5	.6	.1	.0	20.7	15.5	7.5
Polk	45,303	5.4	1.0	.0	.0	.0	16.4	12.1	2.4
Sherman	2,178	26.5	.0	.0	.0	.0	67.4	19.8	9.5
Tillamook	21,287	12.0	1.5	.0	.0	.0	43.6	15.6	2.0
Umatilla	59,885	11.1	3.0	.7	.0	.0	32.8	14.1	6.4
Union	24,148	6.8	2.8	1.7	.0	.0	23.3	10.2	1.7

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Noble	6.8	4.4	7.7	0.0	0.0	18.8	29.9	42.7	80	26	62	34
Nowata	3.9	4.7	2.2	.0	1.3	12.0	22.0	30.1	44	64	26	67
Okfuskee	11.8	6.8	5.2	.0	2.1	25.8	25.8	36.2	65	44	84	12
Oklahoma	14.2	7.6	2.5	.3	.5	24.5	29.5	42.3	79	27	81	16
Okmulgee	14.2	6.4	3.1	.6	1.2	24.9	27.5	40.6	74	33	82	13
Osage	11.5	6.3	.0	.2	.3	18.3	25.1	36.0	63	45	60	35
Ottawa	8.4	2.6	.0	.0	.0	11.7	23.8	33.6	56	58	24	68
Pawnee	10.0	6.4	.0	.0	.0	16.4	26.6	37.4	68	39	50	47
Payne	6.3	3.6	2.6	.0	.0	12.1	14.1	20.6	7	76	27	65
Pittsburg	9.2	10.9	.3	.2	.0	20.2	38.6	51.7	93	7	67	30
Pontotoc	15.8	3.9	.0	.0	.5	19.5	27.8	42.4	77	28	64	32
Pottawatomie	13.0	6.3	3.0	.0	.4	21.8	27.5	39.5	73	34	74	21
Pushmataha	16.9	9.1	4.1	1.7	.0	31.8	39.8	56.0	95	6	92	5
Roger Mills	6.8	.0	5.6	.0	.0	12.4	36.9	49.9	91	9	28	64
Rogers	5.6	.4	.9	.0	.0	7.7	17.8	25.9	24	72	7	74
Seminole	16.1	8.9	5.6	.5	.5	29.1	35.8	50.1	91	10	89	7
Sequoyah	8.8	2.7	.0	.0	.0	11.5	23.2	33.0	54	60	23	69
Stephens	7.5	4.8	1.6	.0	.0	14.4	27.3	37.6	69	37	39	58
Texas	6.4	10.1	.0	.8	.0	17.4	28.4	38.1	72	36	56	41
Tillman	5.2	7.3	.0	.0	.0	12.5	33.9	47.5	88	12	29	63
Tulsa	11.5	5.7	.4	.1	.4	17.4	21.5	32.4	48	61	56	40
Wagoner	4.5	4.5	.0	.0	.0	8.0	20.9	28.9	39	67	8	73
Washington	8.8	4.8	1.3	.0	.0	14.8	18.9	28.6	33	70	41	55
Washita	5.5	3.7	.0	.0	.0	9.2	18.0	23.4	19	73	12	71
Woods	5.5	6.1	.0	.0	2.5	14.1	11.2	17.0	2	77	37	59
Woodward	14.1	8.7	.0	.0	1.8	22.7	24.1	35.2	60	52	76	19
Oregon	14.4	6.0	.9	.2	.4	21.3	22.0	33.5	-	-	-	-
Baker	12.1	.0	1.3	.9	.0	14.3	16.5	26.4	23	32	38	32
Benton	10.1	1.8	.9	.0	.0	12.0	12.2	19.9	4	36	26	34
Clackamas	10.1	4.2	.5	.2	.1	15.1	19.2	28.1	33	29	43	28
Clatsop	20.2	9.2	1.5	.6	.2	30.3	23.6	37.7	64	19	90	6
Columbia	13.8	8.8	1.0	.0	.0	21.6	26.0	37.9	68	17	73	14
Coos	15.4	6.2	.6	.4	.2	20.9	22.4	34.8	56	21	70	17
Crook	18.9	6.4	.0	.0	.0	24.1	28.7	43.5	79	9	80	11
Curry	9.4	8.8	1.5	1.3	.0	17.8	33.0	44.2	85	7	57	21
Deschutes	11.4	6.8	1.9	.3	.3	20.0	26.8	38.4	70	15	67	18
Douglas	12.1	4.1	.3	.3	.0	16.3	23.3	34.2	57	20	49	24
Gilliam	30.0	10.0	.0	.0	.0	30.0	26.2	43.4	76	12	90	7
Grant	2.9	8.4	2.0	.0	.0	10.4	33.4	45.6	86	6	17	36
Harney	21.2	21.4	4.5	.0	.0	47.2	41.9	58.5	96	3	98	1
Hood River	9.5	4.0	.0	.0	1.2	14.7	16.4	25.0	19	33	40	29
Jackson	10.3	6.5	.7	.1	.2	17.0	20.1	29.8	39	26	54	23
Jefferson	19.2	15.8	.0	.0	5.4	40.5	52.4	75.1	98	1	97	3
Josephine	12.3	4.7	.4	.1	.3	17.2	19.9	30.1	39	25	55	22
Klamath	18.8	9.3	2.3	.2	2.7	30.5	31.8	47.6	87	5	90	5
Lake	14.1	8.0	.0	.0	2.0	22.1	34.9	48.0	89	4	74	13
Lane	11.1	3.7	.5	.1	.2	15.2	18.0	27.6	29	31	44	27
Lincoln	18.7	5.8	1.8	.3	1.9	26.4	24.5	38.3	66	18	85	9
Linn	9.6	4.5	.7	.9	.0	14.7	20.8	30.1	42	24	40	30
Malheur	7.8	5.7	.9	.6	.0	14.3	21.3	30.2	43	23	39	31
Marion	12.1	8.3	.3	.4	.3	21.0	19.3	29.9	38	27	70	16
Morrow	14.6	10.0	.0	.0	.0	24.6	31.1	40.7	79	11	81	10
Multnomah	23.9	8.5	1.3	.2	.5	34.0	28.3	44.7	80	8	93	4
Polk	9.0	5.8	.6	.0	1.2	15.3	13.6	20.8	6	35	44	26
Sherman	32.7	.0	.0	.0	8.9	41.6	47.6	74.3	98	2	97	2
Tillamook	18.5	3.1	.4	.0	.0	21.4	28.8	43.1	79	10	72	15
Umatilla	17.3	9.5	3.7	.2	.7	29.0	27.9	41.0	75	13	89	8
Union	9.5	6.8	3.6	.0	.0	19.8	19.9	28.1	35	28	66	19

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Wallowa	7,390	6.4	5.4	0.0	0.0	0.0	31.8	23.4	2.5
Wasco	21,883	11.5	1.4	.0	.0	.0	36.6	10.8	4.9
Washington	255,151	6.8	1.1	.1	.2	.0	16.9	10.6	3.5
Wheeler	1,521	13.8	.0	.0	.0	.0	29.8	13.7	.0
Yamhill	56,326	4.9	1.3	.0	.0	.0	26.7	13.4	3.5
Pennsylvania	11,879,063	9.3	1.2	.2	.1	.1	16.7	10.7	5.8
Adams	69,259	4.0	.4	.0	.0	.0	31.7	10.3	2.2
Allegheny	1,424,169	13.0	1.5	.2	.1	.1	12.5	11.4	5.5
Armstrong	78,294	6.0	.9	.2	.1	.0	20.8	12.1	2.1
Beaver	200,549	8.9	1.3	.1	.0	.0	12.3	11.3	3.4
Bedford	47,438	4.7	.3	.0	.0	.0	30.7	5.7	.9
Berks	315,416	6.2	.4	.0	.0	.0	18.9	13.7	2.7
Blair	135,176	6.6	1.5	.2	.0	.0	17.2	10.1	3.0
Bradford	63,437	7.6	2.0	.0	.0	.0	27.9	9.1	1.8
Bucks	495,500	7.4	.4	.2	.1	.0	19.1	10.0	2.6
Butler	149,395	7.0	.8	.0	.0	.0	22.7	12.8	2.8
Cambria	180,059	9.7	1.2	.3	.0	.3	15.2	11.5	2.2
Cameron	6,658	4.8	1.9	.0	.0	.0	35.3	29.0	.0
Carbon	53,765	9.6	.6	.0	.4	.0	26.1	14.8	1.6
Centre	113,495	4.5	.6	.0	.0	.0	16.2	7.8	1.6
Chester	325,032	7.9	.5	.2	.1	.0	22.0	10.4	3.7
Clarion	43,049	5.4	.4	.0	.0	.0	21.1	11.3	3.8
Clearfield	83,523	8.2	.5	.0	.0	.3	25.0	10.0	1.4
Clinton	38,526	3.6	.0	.0	.0	.0	25.2	9.0	2.0
Columbia	61,687	8.5	.6	.0	.0	.0	20.3	11.1	1.0
Crawford	88,833	9.0	1.1	.0	.0	.0	25.1	12.6	2.1
Cumberland	181,879	4.7	.5	.2	.0	.0	16.0	10.4	2.2
Dauphin	234,389	5.9	.4	.3	.2	.0	14.4	11.2	6.3
Delaware	553,894	9.8	1.8	.1	.1	.0	12.3	10.5	5.0
Elk	37,855	10.1	.0	.0	.0	.0	16.4	9.9	2.8
Erie	280,465	10.9	1.1	.1	.1	.1	17.2	9.2	3.5
Fayette	159,031	11.2	.5	.1	.2	.0	20.2	11.8	6.2
Forest	5,026	9.7	.0	.0	.0	.0	26.8	20.3	10.0
Franklin	115,230	5.7	.8	.1	.1	.0	20.6	6.7	1.7
Fulton	13,260	9.5	.0	.0	.0	.0	22.8	11.3	3.5
Greene	40,877	8.9	.0	.6	.0	.0	21.2	10.6	2.8
Huntingdon	42,351	5.9	2.1	.0	.0	.0	24.1	10.3	2.7
Indiana	92,460	8.1	.9	.6	.0	.2	28.6	10.2	3.0
Jefferson	48,548	6.4	.5	.0	.0	.0	23.2	8.2	1.1
Juniata	19,592	6.1	.0	.0	.0	.0	38.1	6.4	.0
Lackawanna	226,120	12.8	.9	.0	.1	.1	16.1	7.2	1.9
Lancaster	374,061	5.2	.4	.2	.0	.0	17.0	9.0	1.6
Lawrence	105,527	6.3	.5	.0	.2	.1	16.6	10.5	2.5
Lebanon	110,498	4.4	.1	.2	.0	.0	19.1	9.5	2.1
Lehigh	275,379	6.2	.4	.2	.1	.1	16.5	10.3	2.9
Luzerne	338,959	9.6	.8	.1	.0	.2	15.0	10.5	2.0
Lycoming	117,792	5.8	.1	.0	.0	.0	22.7	12.5	1.3
McKean	49,640	13.1	.8	.0	.0	.0	30.7	13.0	1.4
Mercer	126,619	7.0	.3	.4	.1	.0	23.3	9.5	3.5
Mifflin	46,580	2.5	.9	.0	.0	.0	14.4	8.6	.5
Monroe	73,607	9.7	1.2	.0	.0	.0	30.6	11.0	1.9
Montgomery	652,687	8.5	.7	.1	.1	.1	14.6	10.3	2.9
Montour	16,793	10.5	.0	.0	.0	.0	17.2	7.2	4.2
Northampton	228,204	7.3	1.2	.1	.2	.0	14.9	11.5	2.5
Northumberland	100,489	10.2	.9	.2	.1	.0	27.6	12.4	1.3
Perry	36,760	6.3	.3	.0	.0	.0	32.7	7.1	2.4

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985 -Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Wallowa	9.5	6.3	0.0	0.0	0.0	15.8	27.2	38.6	71	14	47	25
Wasco	16.6	4.4	.9	.0	2.1	22.4	25.9	38.8	69	16	75	12
Washington	9.4	2.4	.3	.3	.4	12.6	15.1	23.0	12	34	29	33
Wheeler	13.8	.0	5.9	.0	.0	19.6	20.9	33.9	50	22	65	20
Yamhill	6.7	3.4	1.2	.0	.0	11.0	18.9	27.3	30	30	20	35
Pennsylvania	14.2	2.9	.5	.2	.4	18.0	17.3	27.0	-	-	-	-
Adams	6.6	2.3	.3	.2	.3	9.8	18.5	26.3	27	24	14	60
Allegheny	19.3	3.6	.6	.2	.7	24.0	17.3	28.6	30	21	80	2
Armstrong	9.2	2.5	.2	.5	.0	12.3	15.8	23.7	16	39	28	43
Beaver	13.6	2.4	.3	.0	.2	16.5	14.1	22.7	10	54	50	19
Bedford	7.3	1.1	.0	.0	.0	8.3	16.7	23.8	17	36	9	63
Berks	10.1	1.8	.1	.1	.1	11.9	14.9	23.1	12	47	25	49
Blair	13.1	2.9	.2	.0	.4	16.5	15.0	22.6	11	50	51	18
Bradford	12.5	3.0	.0	.0	.0	15.2	19.5	28.5	35	18	43	29
Bucks	10.7	1.5	.3	.1	.1	12.5	15.0	23.3	13	43	28	42
Butler	10.6	1.3	.1	.0	.0	12.1	17.1	26.0	23	29	26	46
Cambria	14.0	2.4	1.3	.2	.6	18.0	15.4	24.7	16	37	59	15
Cameron	8.3	7.0	.0	.0	.0	15.3	24.5	35.9	62	4	44	28
Carbon	14.5	2.0	.0	.6	1.5	18.6	19.6	30.4	40	14	61	14
Centre	7.8	1.2	.2	.2	.2	8.9	11.5	17.3	2	66	10	62
Chester	12.9	1.7	.8	.1	.4	15.9	17.1	26.2	23	27	47	24
Clarion	6.5	.8	.0	.2	.4	7.9	15.6	23.4	14	42	8	65
Clearfield	14.5	1.3	.0	.0	.3	15.9	17.3	26.4	25	26	47	23
Clinton	10.4	1.6	.0	.0	.6	12.6	14.8	21.4	9	57	29	41
Columbia	12.7	2.3	.4	.0	.0	15.3	15.3	24.2	16	38	45	26
Crawford	14.6	1.9	.3	.3	.3	17.1	18.8	29.0	34	19	54	17
Cumberland	8.4	1.9	.6	.0	.1	11.0	12.5	19.0	4	64	20	54
Dauphin	8.9	1.5	.4	.2	.0	11.0	14.5	22.3	10	53	20	55
Delaware	15.2	3.7	.3	.3	.2	19.4	15.7	25.0	18	34	64	11
Elk	18.6	1.6	1.2	.0	.3	21.6	14.3	23.7	12	46	73	4
Erie	16.0	4.1	.5	.1	.3	20.7	16.6	26.6	23	28	70	5
Fayette	17.5	1.9	.3	.3	1.1	20.6	19.3	30.6	39	15	69	6
Forest	11.2	1.7	.0	.0	.0	12.9	24.0	37.3	63	3	31	40
Franklin	9.2	2.4	.1	.3	.0	12.0	14.2	20.9	7	60	25	48
Fulton	11.2	.0	.0	.0	.0	11.2	17.4	27.6	27	23	21	51
Greene	10.9	2.4	.6	.0	.9	14.9	16.6	26.0	22	31	42	30
Huntingdon	9.9	4.4	.0	.0	.6	14.9	17.9	25.9	25	25	42	31
Indiana	12.5	2.2	1.4	.3	.4	16.2	20.4	30.2	41	13	49	21
Jefferson	10.0	.9	.2	.0	.7	11.5	15.1	22.6	12	48	23	50
Juniata	9.9	.0	.0	.0	.0	9.9	19.8	28.3	35	17	15	59
Lackawanna	17.9	1.9	.2	.5	.3	20.4	15.5	25.8	19	33	68	8
Lancaster	8.7	1.8	.5	.0	.1	11.0	12.4	18.9	3	65	20	53
Lawrence	11.4	1.3	.0	.3	.4	13.4	13.7	21.1	7	61	33	38
Lebanon	7.0	.9	.4	.0	.0	8.3	13.1	19.5	5	63	9	64
Lehigh	10.0	1.6	.3	.2	.4	12.3	13.7	21.1	7	62	28	44
Luzerne	15.7	2.4	.3	.1	1.1	19.3	14.3	23.3	11	49	64	12
Lycoming	8.4	1.7	.2	.1	.2	10.4	15.1	23.1	13	44	17	58
McKean	17.3	2.7	.5	.2	.0	20.4	22.4	35.3	57	5	68	7
Mercer	12.9	2.8	.8	.2	.0	16.4	17.1	25.6	22	30	50	20
Mifflin	5.3	1.6	.2	.0	.0	7.1	9.9	14.4	1	67	6	66
Monroe	13.0	2.6	.0	.0	.3	15.3	21.1	31.9	46	8	44	27
Montgomery	13.2	2.0	.4	.2	.3	15.8	14.1	22.6	10	55	47	25
Montour	12.5	1.4	.0	.0	.0	13.8	14.9	24.4	15	41	36	35
Northampton	11.3	2.6	.2	.3	.2	14.1	14.2	22.2	9	56	37	34
Northumberland	15.6	2.0	.7	.2	1.4	19.2	20.1	31.0	42	10	63	13
Perry	10.0	.7	.0	.0	.0	10.7	19.2	27.7	32	20	18	57

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Philadelphia......	1,671,636	14.5	3.8	0.4	0.2	0.2	9.6	12.0	21.5
Pike..............	19,504	12.2	.4	.0	.0	.0	27.6	13.3	4.0
Potter............	18,008	6.5	.0	1.3	.0	.0	17.6	9.4	7.6
Schuylkill........	158,772	13.0	.6	.4	.2	.0	27.0	13.5	2.9
Snyder............	34,514	4.1	.0	.6	.0	.0	26.6	8.1	.6
Somerset..........	81,477	6.9	.1	.0	.0	.0	21.8	11.6	1.1
Sullivan..........	6,321	6.2	1.0	.0	.0	.0	53.5	16.2	.0
Susquehanna.......	38,406	8.4	.8	.6	.0	.0	26.0	14.5	3.4
Tioga.............	40,507	4.8	.6	.0	.0	1.2	31.9	11.7	3.7
Union.............	33,691	3.3	.0	.7	.0	.0	19.4	6.8	6.8
Venango...........	63,971	8.4	1.5	.6	.0	.0	27.6	8.3	2.0
Warren............	47,320	7.4	.8	.0	.0	.0	26.8	11.2	2.0
Washington........	216,692	8.5	.7	.2	.0	.0	16.7	11.5	3.3
Wayne.............	36,741	8.6	.4	1.0	.0	.0	31.3	9.1	1.9
Westmoreland......	389,383	6.4	.4	.1	.1	.0	20.7	9.5	2.2
Wyoming...........	26,966	4.9	.0	.0	.0	.0	25.1	12.0	3.1
York..............	317,323	5.2	.9	.2	.0	.0	17.9	10.8	2.8
Rhode Island........	957,501	10.4	3.6	.5	.1	.2	12.1	10.1	4.3
Bristol...........	47,051	8.0	3.4	.7	.0	.0	14.1	7.6	1.9
Kent..............	155,771	11.5	2.0	.7	.4	.3	15.5	8.9	2.4
Newport...........	82,909	9.3	3.4	.6	.2	.0	11.1	7.5	3.5
Providence........	576,322	10.6	4.3	.4	.1	.2	10.6	10.6	5.4
Washington........	95,448	9.5	1.9	.0	.0	.2	16.3	13.7	3.0
South Carolina......	3,221,610	9.5	3.3	1.1	.4	.4	27.4	10.4	10.7
Abbeville.........	22,752	11.7	3.1	.0	.0	.0	24.5	11.1	11.3
Aiken.............	109,570	7.5	3.9	.3	.2	.6	25.0	13.6	11.2
Allendale.........	10,629	15.5	5.1	.0	1.8	1.7	34.3	13.3	15.9
Anderson..........	135,795	7.3	2.4	.9	.2	.5	33.0	14.5	10.1
Bamberg...........	18,175	8.8	2.6	.7	1.0	.0	25.5	7.7	8.4
Barnwell..........	20,247	6.7	1.0	.0	1.2	.0	40.4	4.1	15.3
Beaufort..........	73,109	10.5	3.9	1.1	.0	.0	27.6	11.1	6.3
Berkeley..........	104,977	6.4	2.1	1.2	.0	.3	31.4	8.4	8.7
Calhoun...........	12,069	11.0	12.7	2.3	.0	.0	32.5	6.5	10.1
Charleston........	285,290	10.7	3.2	1.3	.7	.5	20.1	10.7	10.0
Cherokee..........	40,957	8.5	5.2	2.1	.4	.0	31.2	13.0	11.5
Chester...........	30,396	11.8	.8	1.8	.0	.0	35.5	11.7	13.9
Chesterfield......	38,227	9.0	3.7	1.6	.0	.0	42.8	10.8	7.7
Clarendon.........	27,885	2.1	.6	1.4	.8	.9	31.7	7.2	13.7
Colleton..........	32,814	9.7	9.1	.6	.0	.8	46.4	5.9	13.6
Darlington........	63,610	10.6	3.7	1.0	.0	.5	35.9	9.7	16.6
Dillon............	31,737	13.8	2.8	3.1	.0	.0	40.5	5.3	12.9
Dorchester........	64,884	7.4	1.4	.7	.0	.6	32.4	10.3	9.6
Edgefield.........	17,594	18.0	6.3	.0	.0	.0	27.9	4.9	13.1
Fairfield.........	20,848	9.6	.5	2.2	.0	3.3	45.3	8.4	8.1
Florence..........	112,452	10.0	2.2	1.6	.1	.0	31.9	6.3	12.2
Georgetown........	44,575	12.4	5.7	1.2	.0	.0	38.4	5.5	15.2
Greenville........	294,558	8.3	2.9	.9	.1	.2	22.0	10.6	9.5
Greenwood.........	58,782	10.2	3.9	1.4	.4	.3	22.2	11.1	7.2
Hampton...........	18,448	16.9	2.4	3.3	1.5	1.5	28.0	9.4	8.5
Horry.............	112,749	10.7	1.7	1.2	.3	.2	31.4	10.4	11.7
Jasper............	14,613	4.6	3.5	.0	.0	.0	50.8	8.0	21.2
Kershaw...........	40,208	10.3	3.1	.5	.0	.0	35.6	10.7	8.0
Lancaster.........	54,198	7.2	3.5	1.1	.4	.4	34.2	13.1	8.9
Laurens...........	52,521	9.5	2.9	1.7	.2	1.5	31.6	9.7	13.9

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Philadelphia......	21.1	7.0	0.7	0.3	0.6	29.4	27.1	41.7	75	2	89	1
Pike..............	18.7	1.9	.0	.0	.0	19.4	21.6	34.2	53	7	64	10
Potter............	9.8	4.0	1.3	.0	.0	13.8	16.8	25.2	21	32	35	36
Schuylkill........	19.3	1.7	.8	.2	.3	22.5	21.9	34.6	55	6	76	3
Snyder............	7.3	.0	1.1	.0	2.4	10.8	15.3	22.0	11	52	19	56
Somerset..........	12.6	.8	.1	.2	.4	14.3	14.9	23.2	13	45	39	33
Sullivan..........	10.2	1.0	.0	.0	.0	11.2	29.3	41.3	77	1	21	52
Susquehanna.......	13.4	2.1	.6	.4	.0	16.0	20.2	30.7	42	12	48	22
Tioga.............	8.5	1.5	1.2	.0	1.2	12.0	21.2	29.9	42	11	26	47
Union.............	5.3	.0	1.9	.0	2.1	9.3	14.7	21.0	8	58	12	61
Venango...........	13.2	2.6	.6	.0	.7	17.2	19.7	29.1	37	16	55	16
Warren............	11.4	2.6	.0	.3	.0	13.8	18.2	27.4	29	22	35	37
Washington........	12.6	1.6	.5	.0	.1	14.7	15.2	24.2	15	40	40	32
Wayne.............	12.3	2.5	2.2	.6	3.3	20.0	20.8	30.7	43	9	66	9
Westmoreland......	10.7	1.0	.3	.1	.3	12.2	14.9	22.6	11	51	27	45
Wyoming...........	6.4	.0	.0	.0	.0	6.4	16.4	24.3	18	35	5	67
York..............	8.4	3.5	.4	.0	1.4	13.2	14.2	21.3	8	59	32	39
Rhode Island........	15.6	7.2	1.0	.3	.5	24.2	17.8	27.2	-	-	-	-
Bristol...........	12.1	5.5	1.0	.5	.9	20.4	15.7	23.2	14	5	68	5
Kent..............	16.9	5.6	1.4	.4	.3	23.7	17.5	27.3	27	2	79	3
Newport...........	15.0	7.5	.8	.4	.3	24.1	15.8	23.9	16	4	80	2
Providence........	16.0	7.8	.9	.3	.6	25.3	18.5	28.1	31	1	83	1
Washington........	13.6	6.3	.8	.0	.2	20.7	17.0	26.7	24	3	69	4
South Carolina......	13.6	7.7	2.5	.5	1.3	24.2	27.6	39.2	-	-	-	-
Abbeville.........	15.8	8.3	.0	.0	.0	21.4	25.7	38.6	69	32	72	32
Aiken.............	10.9	11.5	1.8	.2	3.2	24.9	26.6	37.6	68	33	82	24
Allendale.........	17.2	5.1	7.5	1.8	1.7	33.3	39.5	56.6	95	3	93	5
Anderson..........	11.1	5.0	1.7	.4	1.0	18.7	28.5	40.2	75	27	61	37
Bamberg...........	13.8	14.7	2.2	1.0	1.0	32.7	24.1	34.4	58	44	92	6
Barnwell..........	11.4	3.2	.0	2.1	1.2	16.8	30.0	41.4	78	20	52	40
Beaufort..........	16.7	7.9	1.3	.0	.2	25.1	26.1	37.8	68	34	82	22
Berkeley..........	10.2	3.1	2.6	.5	.3	15.9	25.2	35.1	62	39	47	42
Calhoun...........	16.8	29.3	6.6	1.4	1.6	55.5	39.2	51.6	93	4	99	1
Charleston........	15.3	7.8	4.0	.9	.8	27.5	25.3	36.8	65	37	86	13
Cherokee..........	10.2	9.3	2.7	.4	.0	22.2	32.3	44.5	84	16	75	26
Chester...........	15.7	2.6	3.4	.0	.0	21.6	31.2	45.9	84	15	73	30
Chesterfield......	12.3	11.1	3.0	.0	.6	24.8	32.7	45.5	85	14	81	25
Clarendon.........	4.9	4.1	3.9	.8	.9	13.8	25.7	33.9	60	42	35	44
Colleton..........	13.7	18.8	3.0	.4	.8	35.9	41.6	55.2	95	2	95	3
Darlington........	14.7	8.7	2.2	.0	.9	26.2	34.4	48.6	89	10	84	19
Dillon............	16.7	5.3	4.5	.0	.0	27.0	35.7	50.7	91	9	86	14
Dorchester........	9.4	1.7	.7	.3	.6	12.1	25.8	36.8	66	36	26	45
Edgefield.........	21.9	11.8	.8	.0	.0	32.7	32.6	48.4	88	13	92	7
Fairfield.........	14.2	6.9	4.3	1.3	4.5	27.7	34.4	47.3	88	11	87	11
Florence..........	14.7	5.9	2.1	.1	.3	22.2	28.5	40.6	76	25	75	27
Georgetown........	17.5	8.7	1.9	.0	.5	27.6	36.4	50.8	92	8	86	12
Greenville........	12.5	7.9	4.7	.3	2.4	25.1	23.3	33.7	55	45	82	23
Greenwood.........	14.4	10.0	1.8	.9	.7	26.0	25.2	36.3	64	38	84	20
Hampton...........	21.8	8.4	6.1	1.5	1.5	36.3	33.1	48.3	88	12	95	2
Horry.............	16.0	3.9	1.8	.3	.4	21.7	28.6	41.6	77	22	73	29
Jasper............	5.0	9.9	3.3	.0	.0	18.2	38.3	51.4	93	5	59	38
Kershaw...........	13.6	7.7	.5	.0	.5	21.9	28.6	41.2	76	23	74	28
Lancaster.........	9.6	4.5	1.5	.7	.7	16.7	29.6	41.0	77	21	52	41
Laurens...........	14.7	7.9	3.4	.2	3.2	26.6	31.9	44.6	84	17	85	17

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985 -Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Lee	18,746	6.7	1.3	1.2	0.0	0.0	34.5	10.6	6.2
Lexington	148,429	10.5	2.3	1.4	.1	.2	22.8	12.4	7.2
McCormick	7,575	11.6	.0	.0	.0	.0	54.2	12.9	23.7
Marion	34,529	18.3	.5	2.1	.0	.0	36.8	6.7	17.9
Marlboro	31,927	14.5	6.4	.7	.0	.7	21.3	11.9	22.6
Newberry	31,572	10.7	1.9	.0	.8	2.0	28.2	7.4	7.4
Oconee	49,897	8.7	3.2	.0	.5	.0	26.3	10.2	8.9
Orangeburg	83,948	9.7	4.3	2.0	.8	.3	32.9	4.2	11.9
Pickens	82,305	7.1	3.1	.8	.4	.0	22.6	11.0	4.0
Richland	274,597	12.7	3.2	1.3	1.1	.2	19.3	12.8	12.6
Saluda	16,518	7.4	2.9	.0	.0	.0	42.6	11.3	11.6
Spartanburg	205,139	8.3	3.7	2.1	.3	.2	27.6	12.7	11.1
Sumter	91,093	7.8	7.7	.3	.5	.0	26.2	6.0	11.7
Union	30,862	7.5	4.2	.0	.0	.0	34.7	13.5	8.4
Williamsburg	38,475	6.2	2.1	.0	.0	.0	38.2	4.8	13.6
York	111,333	9.1	4.5	.2	.8	1.5	23.2	9.8	10.3
South Dakota	698,722	8.9	2.4	.5	.2	.1	27.1	11.7	3.5
Aurora	3,571	2.9	3.8	.0	.0	.0	25.8	25.2	.0
Beadle	18,847	8.3	.0	.0	1.4	.0	29.8	8.5	.0
Bennett	3,221	31.0	.0	.0	.0	.0	88.6	18.5	9.6
Bon Homme	7,527	4.2	4.5	.0	.0	.0	35.0	7.9	.0
Brookings	24,548	4.3	.0	.0	.0	.0	16.1	7.0	1.7
Brown	36,776	9.1	1.1	.0	.0	.0	16.7	7.4	1.0
Brule	5,363	4.8	.0	.0	.0	.0	14.0	30.3	9.4
Buffalo	1,715	101.0	29.0	.0	.0	.0	137.1	21.3	6.8
Butte	8,323	6.7	.0	.0	.0	.0	43.3	4.3	.0
Campbell	2,248	12.2	12.9	.0	.0	.0	24.3	11.8	.0
Charles Mix	9,613	39.8	1.7	.0	.0	.0	49.8	17.5	7.5
Clark	4,912	2.9	.0	1.1	.0	.0	17.1	15.8	.0
Clay	13,422	.8	.0	.0	.0	.0	18.1	7.0	.0
Codington	21,635	5.9	1.1	.0	.0	.0	14.7	23.3	2.2
Corson	5,256	11.9	13.7	8.3	.0	.0	101.6	13.9	34.7
Custer	6,327	4.0	.0	.0	.0	.0	34.8	3.7	.0
Davison	17,797	4.8	.9	.0	.0	.0	24.4	9.4	2.3
Day	8,017	5.2	10.3	.0	.0	.0	28.6	5.7	3.8
Deuel	5,229	4.6	.0	.0	.0	.0	46.1	4.7	.0
Dewey	5,353	36.5	26.8	7.5	.0	.0	49.7	36.4	19.0
Douglas	4,062	4.6	.0	.0	.0	.0	23.3	.0	2.3
Edmunds	5,048	3.6	.0	.0	.0	.0	45.9	18.8	4.1
Fall River	8,074	9.6	9.1	.0	.0	.0	31.4	25.6	2.7
Faulk	3,237	.0	.0	.0	.0	.0	34.8	7.0	.0
Grant	9,189	4.4	.0	.0	.0	.0	32.2	16.0	.0
Gregory	5,937	5.3	.0	.0	.0	.0	33.0	4.1	.0
Haakon	2,819	.0	.0	.0	.0	.0	14.2	10.1	.0
Hamlin	5,268	11.4	6.9	.0	4.6	.0	48.3	10.7	.0
Hand	4,842	2.6	.0	.0	.0	.0	22.8	11.7	.0
Hanson	3,370	.0	.0	.0	.0	.0	9.5	4.4	.0
Harding	1,732	14.5	.0	.0	.0	.0	33.0	.0	.0
Hughes	14,528	3.7	1.5	2.5	.0	.0	14.9	14.7	1.9
Hutchinson	9,120	6.3	.0	.0	.0	.0	45.2	6.7	3.8
Hyde	2,043	.0	.0	.0	.0	.0	52.6	4.7	.0
Jackson	3,390	4.1	7.7	.0	.0	.0	50.0	16.5	.0
Jerauld	2,874	.0	3.1	.0	.0	.0	8.9	.0	.0
Jones	1,479	.0	.0	.0	.0	.0	9.2	19.0	.0
Kingsbury	6,587	.0	.0	.0	4.0	.0	29.2	4.6	.0
Lake	10,714	16.4	.0	.0	.0	2.3	12.1	11.5	.0
Lawrence	18,701	4.1	.0	1.5	.0	.0	27.3	18.2	2.4
Lincoln	13,936	7.2	.0	.0	.0	.0	21.2	9.1	1.7

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Lee	8.8	8.7	3.8	1.0	0.0	21.3	24.7	35.0	61	41	72	33
Lexington	14.0	4.5	1.7	.1	.8	20.8	23.7	35.2	59	43	70	34
McCormick	13.5	8.4	6.7	.0	.0	26.6	41.2	59.7	96	1	85	16
Marion	22.1	2.9	3.2	.0	.0	27.8	35.3	53.4	92	6	87	10
Marlboro	21.6	9.2	3.3	.0	1.3	34.6	35.7	51.8	92	7	94	4
Newberry	14.5	4.8	1.1	.8	2.0	21.6	25.8	37.3	67	35	73	31
Oconee	12.9	7.0	1.8	.5	.3	20.2	24.5	35.3	61	40	67	35
Orangeburg	13.6	10.9	2.2	1.6	1.1	25.8	31.6	43.3	82	19	84	21
Pickens	11.5	6.8	1.6	.5	.2	19.7	20.8	29.7	41	46	65	36
Richland	17.8	8.8	2.5	1.5	2.7	31.1	27.6	40.9	75	29	91	8
Saluda	9.7	6.1	1.5	.0	.0	17.3	31.5	44.1	83	18	55	39
Spartanburg	13.2	9.0	2.9	.4	2.3	26.9	29.0	40.5	76	24	85	15
Sumter	11.9	13.1	1.5	.8	.5	26.3	29.3	39.4	75	26	85	18
Union	9.0	8.1	.3	.0	.0	15.2	28.5	40.1	75	28	44	43
Williamsburg	8.5	2.5	.0	.0	.0	11.1	28.0	38.7	72	30	20	46
York	14.6	10.9	1.9	1.1	2.7	28.2	27.2	38.1	70	31	88	9
South Dakota	12.6	6.5	1.4	.3	1.5	21.3	22.2	32.6	-	-	-	-
Aurora	12.4	3.8	.0	.0	.0	16.3	20.9	29.6	40	30	49	31
Beadle	15.4	1.1	.0	1.4	.0	17.1	19.0	28.2	33	34	54	30
Bennett	37.7	42.0	.0	.0	.0	65.1	58.2	89.4	99	8	99	6
Bon Homme	10.1	4.5	.0	.0	.0	14.6	22.5	29.9	44	28	40	36
Brookings	6.2	1.2	.0	.4	.0	7.8	10.7	16.3	1	57	8	52
Brown	10.1	1.1	.0	.0	9.2	20.4	13.8	22.0	8	50	68	24
Brule	10.1	2.1	.0	.0	.0	12.3	18.3	29.2	34	33	28	40
Buffalo	136.1	43.1	.0	.0	.0	164.3	135.5	209.9	99	1	99	1
Butte	6.7	5.5	7.4	.0	7.5	27.0	21.8	30.8	45	27	86	16
Campbell	12.2	12.9	.0	.0	.0	25.1	30.4	41.7	79	17	82	18
Charles Mix	47.9	10.5	.0	.0	.0	53.1	45.9	77.1	98	9	98	9
Clark	2.9	3.8	1.1	.0	.0	7.7	12.6	18.7	3	53	7	54
Clay	.8	2.6	.0	.0	.0	3.4	9.3	12.9	0	58	0	63
Codington	8.0	5.7	.0	.0	.9	13.8	15.4	24.5	16	42	35	38
Corson	20.2	24.5	8.3	.0	.0	53.0	88.6	114.5	99	5	98	10
Custer	12.0	.0	.0	.0	.0	12.0	17.0	23.6	18	40	26	42
Davison	7.8	5.4	.9	.0	.0	15.8	16.1	23.4	15	43	47	32
Day	6.8	11.4	.0	.0	3.8	22.0	27.3	34.9	65	21	74	21
Deuel	7.4	7.3	2.7	.0	.0	17.4	22.2	30.6	46	25	56	28
Dewey	45.5	44.1	12.0	.0	.0	101.5	86.4	121.0	99	4	99	3
Douglas	6.1	.0	.0	.0	.0	6.1	12.8	18.2	3	54	4	57
Edmunds	10.1	1.8	.0	.0	.0	11.9	26.4	37.3	68	20	25	43
Fall River	18.8	16.8	4.4	1.3	.0	38.5	32.6	46.1	86	15	96	12
Faulk	3.0	8.2	.0	.0	.0	11.2	16.0	21.1	10	47	21	46
Grant	4.4	1.8	2.7	.0	.0	8.9	18.5	27.2	30	36	11	51
Gregory	7.8	4.9	4.1	.0	.0	11.9	16.9	24.1	18	39	25	44
Haakon	.0	.0	.0	.0	.0	.0	8.0	11.3	0	64	...	...
Hamlin	11.4	11.5	.0	6.3	.0	24.5	38.6	51.8	93	12	81	19
Hand	7.6	.0	.0	.0	.0	7.6	13.0	18.9	4	52	7	55
Hanson	.0	4.4	.0	.0	2.0	6.4	4.9	6.7	0	66	4	56
Harding	31.4	.0	.0	.0	.0	31.4	19.8	31.3	42	29	91	14
Hughes	8.8	3.4	3.9	.0	4.1	17.6	15.6	22.0	11	46	56	27
Hutchinson	8.8	2.9	.0	.0	2.9	14.7	24.7	34.9	60	22	40	35
Hyde	.0	4.7	.0	.0	.0	4.7	23.0	29.6	45	26	2	60
Jackson	15.5	22.7	15.5	.0	.0	46.3	33.6	44.1	85	16	98	11
Jerauld	.0	3.1	.0	.0	.0	3.1	6.9	7.8	0	65	0	64
Jones	.0	.0	.0	.0	.0	.0	7.7	11.9	0	63	...	...
Kingsbury	5.0	5.4	.0	4.0	.0	14.4	17.2	21.2	13	45	39	37
Lake	19.7	4.7	.0	.0	4.1	26.2	16.4	28.6	28	37	84	17
Lawrence	10.6	1.5	1.5	.0	.0	13.5	19.4	28.1	34	32	34	39
Lincoln	9.2	.9	.0	.0	.0	10.1	14.4	22.5	10	48	15	49

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Lyman	3,824	13.9	5.1	0.0	0.0	0.0	50.6	7.2	0.0
McCook	6,315	2.1	4.2	.0	.0	.0	17.1	3.7	.0
McPherson	3,913	4.2	.0	.0	.0	.0	9.5	9.9	.0
Marshall	5,309	10.3	.0	.0	.0	.0	58.3	20.0	8.4
Meade	21,720	7.5	3.3	.0	.0	.0	25.9	10.6	2.3
Mellette	2,281	77.0	.0	.0	.0	.0	35.0	10.1	10.1
Miner	3,636	9.1	.0	.0	7.8	.0	22.9	15.3	6.4
Minnehaha	114,258	7.6	2.5	.4	.0	.0	15.7	11.1	1.4
Moody	6,730	5.4	2.2	.0	.0	.0	40.7	14.8	.0
Pennington	73,988	10.2	2.0	.3	.0	.0	24.5	10.4	4.9
Perkins	4,703	3.0	.0	.0	.0	.0	31.6	.0	10.7
Potter	3,714	3.7	.0	.0	.0	.0	7.7	16.3	.0
Roberts	10,976	24.0	13.3	.9	.0	.0	28.9	15.3	5.4
Sanborn	3,159	3.1	4.1	.0	.0	.0	45.6	17.3	.0
Shannon	11,529	50.6	23.5	2.9	5.6	1.5	112.0	18.0	39.3
Spink	9,080	2.4	.0	.0	.0	2.6	27.3	10.0	.0
Stanley	2,492	15.6	.0	.0	.0	.0	.0	.0	.0
Sully	1,908	.0	.0	.0	.0	.0	23.1	.0	.0
Todd	7,259	30.7	4.2	13.6	.0	2.8	116.3	25.9	54.9
Tripp	7,259	27.9	.0	.0	.0	.0	46.9	18.3	.0
Turner	9,045	2.2	1.5	.0	.0	.0	29.4	4.0	.0
Union	10,719	5.9	1.4	.0	.0	.0	13.7	9.9	.0
Walworth	6,925	5.4	.0	.0	2.1	.0	21.2	1.5	2.1
Yankton	18,958	5.1	2.7	.0	.0	.0	22.8	13.9	.0
Ziebach	2,375	.0	.0	13.0	.0	.0	84.8	35.2	29.1
Tennessee	4,664,629	7.7	2.1	.5	.2	.1	24.5	12.2	9.8
Anderson	68,049	6.9	.4	.6	.2	.3	23.2	12.7	4.1
Bedford	28,232	10.4	2.7	.8	.8	.0	28.8	20.8	7.9
Benton	14,992	4.5	.0	3.2	.0	.0	36.2	24.1	6.4
Bledsoe	9,463	3.4	5.5	.0	.0	.0	42.5	5.5	19.9
Blount	79,257	6.9	1.0	.0	.0	.0	22.7	11.2	5.0
Bradley	69,207	8.4	1.0	.3	.4	.0	26.1	12.3	6.8
Campbell	35,208	5.9	2.0	.6	.4	.0	19.2	12.6	13.4
Cannon	10,461	1.1	1.6	.0	.0	.0	46.2	25.4	10.0
Carroll	28,286	5.6	1.0	.0	.0	.0	22.7	12.9	7.4
Carter	50,892	6.3	.7	1.1	.0	.0	17.7	10.2	4.2
Cheatham	22,485	9.3	1.1	.0	.0	.0	41.9	12.2	3.2
Chester	12,701	2.3	2.0	.0	.0	.0	24.2	18.9	9.3
Claiborne	25,560	4.1	2.3	1.0	.0	.0	29.7	18.6	5.7
Clay	7,756	15.7	2.8	.0	5.0	.0	46.3	12.1	14.6
Cocke	29,003	7.1	1.2	.0	.0	.0	40.1	10.5	15.0
Coffee	39,578	7.9	.6	1.1	.4	.0	30.0	7.9	4.6
Crockett	14,501	1.5	.0	.0	.0	.0	37.8	7.1	5.7
Cumberland	29,666	11.2	.0	.5	.7	.0	28.6	15.3	8.0
Davidson	483,318	9.6	2.8	.5	.0	.2	21.5	12.9	15.5
Decatur	10,936	9.0	.9	.0	.0	.0	43.4	10.6	12.3
De Kalb	13,743	3.3	1.1	.0	.0	.0	34.8	11.1	8.2
Dickson	30,850	4.0	4.1	.0	.7	.0	38.3	13.4	5.8
Dyer	34,361	10.1	2.4	.5	.0	.0	24.6	12.9	5.2
Fayette	25,152	1.7	.0	.0	.0	.0	35.7	14.0	9.0
Fentress	15,175	4.4	.0	1.7	.0	.0	33.0	20.9	6.4
Franklin	32,618	5.7	1.9	.0	.0	.0	25.7	8.1	5.3
Gibson	48,962	4.1	4.1	.5	.0	.5	23.7	11.1	8.3
Giles	24,739	7.7	8.0	.0	.0	.9	41.2	21.3	12.2
Grainger	17,056	5.8	.0	.0	.0	.0	38.6	9.2	9.1
Greene	55,332	9.2	1.0	1.5	1.0	.0	26.2	10.2	4.0
Grundy	14,089	7.5	.0	.0	.0	.0	29.4	17.2	7.6

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Lyman	35.5	10.2	11.7	0.0	0.0	57.4	33.5	47.8	88	14	99	8
McCook	6.5	5.7	.0	.0	.0	12.2	13.0	16.6	3	55	27	41
McPherson	4.2	1.2	.0	.0	.0	5.4	7.7	12.7	0	62	2	59
Marshall	14.7	11.5	.0	.0	.0	21.7	36.7	53.5	93	13	73	23
Meade	11.6	6.3	.0	.0	1.1	17.6	20.4	29.5	39	31	57	26
Mellette	85.4	17.6	.0	.0	.0	92.3	53.1	102.0	99	7	99	4
Miner	9.1	3.6	7.8	7.8	.0	28.3	27.2	38.3	70	19	88	15
Minnehaha	10.5	8.6	.9	.0	.7	19.8	15.5	23.5	14	44	66	25
Moody	7.6	3.8	.0	.0	.0	11.5	24.5	34.4	59	23	23	45
Pennington	15.7	5.4	.7	.0	1.8	22.2	21.2	32.1	47	24	75	20
Perkins	6.0	.0	.0	.0	.0	6.0	19.5	26.4	30	35	3	58
Potter	3.7	.0	.0	.0	.0	3.7	8.0	13.6	0	60	1	62
Roberts	31.2	25.3	6.5	.0	2.3	60.7	41.7	61.4	97	10	99	7
Sanborn	3.1	8.1	.0	.0	.0	11.2	28.0	37.6	71	18	21	47
Shannon	61.4	46.7	12.5	8.5	3.0	123.6	123.3	172.6	99	2	99	2
Spink	5.2	.0	.0	.0	2.6	7.8	17.0	23.0	16	41	8	53
Stanley	15.6	.0	.0	.0	.0	15.6	6.4	14.9	0	61	46	33
Sully	.0	10.7	.0	.0	.0	10.7	9.7	12.3	0	59	18	48
Todd	41.0	12.6	20.0	.0	7.0	77.7	113.0	156.1	99	3	99	5
Tripp	31.7	6.8	.0	.0	.0	38.5	34.8	58.2	94	11	96	13
Turner	2.2	1.5	.0	.0	.0	3.7	15.6	20.7	9	49	1	61
Union	7.6	1.4	.0	.0	.0	9.1	11.6	18.0	3	56	11	50
Walworth	9.1	4.3	.0	2.1	.0	15.5	14.5	20.4	7	51	45	34
Yankton	7.9	5.3	.9	.0	3.3	17.3	17.2	24.8	21	38	55	29
Ziebach	.0	9.0	13.0	.0	.0	22.0	69.4	89.6	99	6	74	22
Tennessee	10.8	4.2	1.0	.3	.7	16.6	23.4	33.9	-	-	-	-
Anderson	9.0	1.6	.9	.2	.6	12.6	18.6	27.7	30	82	29	72
Bedford	13.3	3.5	2.4	.8	.0	19.2	28.5	42.2	78	17	63	16
Benton	6.5	.0	3.2	.0	.0	9.7	28.1	39.8	74	20	14	87
Bledsoe	3.4	10.2	.0	.0	2.7	13.6	35.3	46.1	88	10	34	62
Blount	8.7	2.1	1.0	.3	2.7	13.6	18.0	26.9	27	87	34	63
Bradley	10.3	2.2	.8	.4	.0	13.4	21.7	32.4	49	62	33	66
Campbell	10.9	5.0	2.0	.4	.0	18.3	22.4	32.1	50	60	60	22
Cannon	3.2	5.5	6.9	.0	.0	15.7	31.1	42.8	81	15	46	41
Carroll	6.3	3.2	.8	.0	.0	10.2	18.9	27.8	32	80	16	84
Carter	10.7	2.0	2.1	.0	.4	15.0	15.8	23.6	15	93	42	48
Cheatham	11.9	1.9	.0	.0	.0	13.7	26.4	38.6	70	30	35	60
Chester	2.3	4.3	.0	.0	2.0	8.5	21.2	29.9	42	71	9	88
Claiborne	5.0	4.6	1.0	.0	.0	11.4	23.8	33.4	56	47	22	77
Clay	17.7	8.8	4.4	5.0	.0	32.9	43.0	61.1	97	1	92	1
Cocke	9.0	3.8	.8	.0	.0	14.2	30.1	42.6	80	16	38	55
Coffee	10.3	4.6	2.0	.4	1.2	17.9	21.7	31.4	46	69	58	23
Crockett	2.0	.0	1.5	.0	.0	3.5	20.6	27.8	35	76	1	95
Cumberland	16.1	2.0	1.3	1.5	1.9	21.5	24.7	37.8	65	34	72	8
Davidson	14.2	5.9	.8	.3	1.3	21.9	26.4	38.8	70	27	74	7
Decatur	9.9	2.2	2.2	.0	.0	14.2	30.7	44.3	82	14	38	56
De Kalb	4.6	2.1	3.5	.0	.0	10.2	23.1	32.0	51	57	16	85
Dickson	6.5	6.6	.0	.7	.0	12.6	28.0	37.6	71	26	29	73
Dyer	15.2	5.2	.5	.0	2.0	20.8	22.4	33.7	54	52	70	10
Fayette	5.0	1.4	.0	.0	.0	6.4	22.7	31.5	49	63	4	93
Fentress	6.1	.0	3.0	.0	2.5	11.4	24.5	35.2	60	40	22	78
Franklin	9.9	5.0	2.0	.0	.0	16.9	19.1	27.3	31	81	53	29
Gibson	5.1	5.0	.5	.0	.5	10.6	22.8	30.9	48	66	18	81
Giles	9.8	13.6	2.8	.0	.9	26.2	39.4	53.7	94	3	84	5
Grainger	9.4	1.4	1.3	.0	.0	13.5	24.7	35.2	61	39	33	64
Greene	12.2	3.0	1.7	1.3	2.8	18.9	22.2	32.4	50	59	62	18
Grundy	7.5	3.2	.0	.0	.0	10.7	22.5	34.0	54	49	18	80

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Hamblen	51,825	7.3	1.2	1.9	0.0	0.4	28.3	10.8	6.1
Hamilton	285,813	9.3	1.2	.5	.0	.0	22.0	10.3	10.5
Hancock	6,855	2.2	3.0	3.6	.0	3.2	33.4	19.0	.0
Hardeman	23,746	8.1	.7	2.9	.0	.0	35.5	18.4	13.1
Hardin	22,137	8.9	2.0	1.0	1.9	.0	45.2	10.4	13.6
Hawkins	44,192	9.8	2.1	.4	.4	.0	21.2	16.6	4.7
Haywood	20,484	7.3	2.4	.0	.0	1.4	22.6	7.0	11.5
Henderson	21,819	6.3	3.4	.0	2.2	.0	36.0	17.2	3.2
Henry	28,915	8.6	.0	.0	.5	.0	18.9	8.9	10.4
Hickman	15,504	8.7	4.2	.0	.0	.0	34.8	10.0	5.7
Houston	6,898	2.1	.0	.0	.0	.0	11.6	4.0	9.8
Humphreys	15,869	13.7	4.1	.0	.0	.0	44.7	12.9	13.6
Jackson	9,313	5.7	4.7	4.2	.0	.0	56.8	17.2	6.4
Jefferson	32,369	8.2	.7	.7	.0	.0	33.5	6.8	5.8
Johnson	13,991	2.8	2.8	3.1	.0	.0	42.4	20.4	6.9
Knox	325,137	8.1	1.2	.2	.1	.2	21.2	11.3	7.8
Lake	7,766	3.9	5.5	.0	.0	.0	52.1	10.4	15.8
Lauderdale	24,624	2.6	.5	.9	.0	.0	23.1	8.3	6.4
Lawrence	34,381	8.1	.5	1.3	.3	.0	36.5	10.4	3.1
Lewis	10,077	6.7	.0	.0	.0	.0	20.1	14.9	2.6
Lincoln	26,557	9.0	3.0	.0	.0	.0	28.6	14.0	3.4
Loudon	29,508	5.9	.0	3.1	.0	.0	31.9	11.7	7.6
McMinn	42,448	4.7	1.6	.0	.5	.0	29.9	6.5	10.8
McNairy	22,970	8.0	.0	.5	.0	.0	33.6	15.1	5.9
Macon	15,731	3.6	1.5	.0	.0	.0	29.4	19.7	15.6
Madison	75,710	9.8	4.7	1.0	.0	.0	20.6	9.1	9.6
Marion	24,495	8.4	.0	.8	.0	.0	37.7	6.0	7.1
Marshall	19,959	5.2	1.2	.0	.0	1.2	24.1	18.2	8.0
Maury	51,801	7.3	1.5	.4	.4	.0	22.3	11.0	9.3
Meigs	7,523	10.0	.0	.0	.0	.0	33.3	9.4	11.3
Monroe	29,338	3.9	.0	.7	.0	.0	38.6	10.2	7.9
Montgomery	86,350	6.9	.5	.8	.3	.0	23.3	12.8	6.6
Moore	4,662	3.1	.0	4.7	.0	.0	14.6	30.4	.0
Morgan	16,852	9.7	1.3	.0	.0	.0	32.5	13.6	7.0
Obion	33,082	6.6	2.3	.0	.0	.0	17.4	15.6	7.7
Overton	17,712	3.1	.5	.0	1.2	1.4	43.8	17.4	5.5
Perry	6,315	6.0	.0	.0	.0	.0	47.6	14.6	6.9
Pickett	4,464	3.9	3.5	.0	.0	.0	23.9	6.6	.0
Polk	13,583	5.8	.0	.0	.0	.0	43.1	11.0	9.8
Putnam	48,931	7.0	.5	1.1	.0	.0	25.7	12.8	4.3
Rhea	24,373	6.1	1.6	.0	.0	.0	40.8	9.7	10.1
Roane	48,993	5.6	1.0	.0	.4	.9	19.1	9.4	7.8
Robertson	37,837	4.5	2.3	.6	.6	.0	30.2	12.7	6.4
Rutherford	90,144	7.4	1.2	.3	.0	.2	16.1	13.6	7.8
Scott	19,974	15.0	1.4	.0	.0	.0	20.7	6.9	5.9
Sequatchie	8,654	10.9	.0	.0	.0	.0	31.8	11.6	29.9
Sevier	43,854	6.6	.4	1.1	.0	.0	30.2	17.7	6.0
Shelby	787,499	8.5	4.6	.2	.1	.1	19.1	12.2	17.0
Smith	14,652	7.4	.0	.0	.0	.0	29.5	7.1	3.2
Stewart	8,944	6.1	.0	.0	2.3	2.3	35.3	8.1	8.3
Sullivan	144,659	7.7	1.9	.3	.0	.3	24.5	10.8	3.6
Sumner	89,099	5.9	1.1	.7	.2	.2	23.6	10.4	4.6
Tipton	34,058	5.3	2.2	.7	.0	.0	24.2	8.5	5.9
Trousdale	5,865	7.7	9.7	3.9	.0	.0	44.6	18.0	2.6
Unicoi	16,660	11.4	4.1	5.4	.0	1.3	31.0	7.9	7.2
Union	11,989	4.8	3.6	.0	.0	.0	28.9	13.7	3.7
Van Buren	4,777	4.7	.0	.0	.0	.0	59.3	9.3	18.0
Warren	32,938	6.9	1.7	.6	.0	.0	27.5	17.0	5.6
Washington	90,514	8.7	3.1	.4	.3	.0	26.5	11.5	4.5
Wayne	14,039	4.6	1.6	2.9	.0	.0	42.1	4.8	9.2

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Hamblen	8.9	4.2	2.6	0.3	0.8	16.6	23.3	33.3	55	48	51	32
Hamilton	12.4	2.5	.7	.2	.3	15.6	21.7	32.7	49	61	46	42
Hancock	5.2	3.0	3.6	.0	3.2	15.0	28.5	36.6	70	29	43	47
Hardeman	11.2	1.8	4.3	.0	1.1	18.4	31.7	45.3	84	12	60	21
Hardin	10.4	3.9	1.9	1.9	3.0	21.2	36.0	49.8	91	8	71	9
Hawkins	12.8	3.5	.4	.4	1.3	17.4	21.4	32.7	49	64	56	25
Haywood	7.6	2.4	1.3	.0	1.4	12.7	23.1	32.6	53	55	30	70
Henderson	7.9	6.0	1.8	2.6	.0	16.1	28.2	39.0	73	22	48	38
Henry	10.1	2.1	1.7	.9	.8	14.8	18.6	28.6	33	79	41	49
Hickman	9.4	7.6	.0	.0	.0	17.1	27.0	38.2	70	28	54	28
Houston	3.6	1.5	.0	.0	.0	5.1	11.1	15.9	1	95	2	94
Humphreys	18.6	8.8	1.4	.0	.0	28.9	37.5	54.3	94	5	88	3
Jackson	5.7	4.7	9.1	.0	.0	19.5	41.6	54.9	95	2	65	12
Jefferson	11.3	2.1	1.4	.0	1.3	15.4	22.9	33.2	54	51	45	45
Johnson	3.3	4.3	7.4	.0	3.2	16.6	32.1	42.9	82	13	51	34
Knox	11.4	3.3	.4	.1	1.0	15.8	19.8	29.8	39	72	47	39
Lake	3.9	7.0	.0	.0	.0	14.4	38.4	50.7	93	6	39	53
Lauderdale	7.7	1.1	.9	.0	.9	9.9	16.8	23.3	17	91	15	86
Lawrence	9.8	.8	2.6	.3	.0	13.2	24.3	35.0	60	42	32	67
Lewis	7.7	3.9	.0	.0	5.0	16.6	15.4	24.2	16	92	51	33
Lincoln	12.7	4.1	1.7	.9	.8	18.6	23.1	34.1	56	46	61	20
Loudon	8.1	.7	3.9	.0	.0	12.7	24.8	34.8	60	41	30	69
McMinn	8.4	2.8	.0	.5	3.9	14.8	23.0	31.8	50	58	41	50
McNairy	13.4	2.3	.5	.0	.0	16.1	23.7	35.2	59	43	49	36
Macon	3.9	2.6	1.4	.0	.0	7.9	26.6	37.8	69	32	8	90
Madison	12.3	6.7	1.0	.2	.0	20.5	24.7	35.4	61	38	68	11
Marion	9.6	3.0	1.6	.7	.0	14.2	24.7	35.7	62	36	38	57
Marshall	9.5	2.8	.0	.0	1.2	14.7	22.0	31.9	48	65	41	51
Maury	9.1	2.7	2.5	.4	1.3	15.5	21.3	31.1	44	70	45	43
Meigs	12.8	.0	2.8	.0	2.3	17.9	25.3	37.9	67	33	58	24
Monroe	6.5	2.6	1.5	.0	1.5	12.2	24.3	33.7	57	44	27	75
Montgomery	9.2	4.0	1.9	.3	1.5	14.6	19.9	29.5	38	73	40	52
Moore	3.1	.0	4.7	.0	.0	7.8	18.2	26.6	27	88	8	91
Morgan	14.8	7.2	1.2	.0	.0	23.1	24.9	37.2	65	35	77	6
Obion	10.3	3.2	.7	.0	.0	14.3	19.0	28.5	33	77	38	54
Overton	6.6	6.2	.0	1.2	1.4	15.5	28.7	39.1	74	21	45	44
Perry	8.4	6.0	2.4	.0	.0	16.8	28.6	40.8	76	18	52	30
Pickett	3.9	3.5	.0	.0	.0	7.4	16.4	22.3	13	94	6	92
Polk	9.2	1.3	.0	.0	1.6	12.1	27.2	38.6	71	24	26	76
Putnam	8.5	1.5	2.7	1.1	.0	13.4	19.8	29.3	37	74	33	65
Rhea	9.1	5.9	.0	.0	.0	16.1	28.0	39.1	73	23	48	37
Roane	10.0	3.5	.0	.4	.9	14.0	18.1	26.2	26	89	36	59
Robertson	6.8	6.7	1.3	.6	.0	14.2	23.5	32.5	54	54	37	58
Rutherford	10.3	3.9	1.0	.2	.4	15.3	17.9	27.3	28	86	44	46
Scott	15.0	1.4	.0	.0	1.1	17.4	20.3	32.9	47	68	56	26
Sequatchie	10.9	4.8	.0	.0	.0	15.7	34.2	50.6	90	9	46	40
Sevier	8.2	.9	1.8	.0	.0	10.9	23.3	34.2	57	45	19	79
Shelby	12.4	6.5	.5	.3	.1	19.5	27.0	38.6	71	25	64	13
Smith	12.1	.0	1.5	.0	.0	13.6	18.3	27.3	29	85	34	61
Stewart	14.1	.0	.0	2.3	2.3	16.4	27.4	37.4	69	31	50	35
Sullivan	11.7	4.8	.8	.0	.8	17.3	19.9	29.2	37	75	55	27
Sumner	8.6	2.4	.9	.2	.8	12.7	18.8	27.1	30	83	30	71
Tipton	7.1	2.2	1.1	.0	.6	10.4	19.7	27.7	33	78	17	83
Trousdale	13.1	14.2	3.9	.0	.0	31.1	40.2	52.8	94	4	91	2
Unicoi	11.4	8.7	8.1	.0	1.3	28.3	33.5	45.7	86	11	88	4
Union	8.5	10.2	.0	.0	.0	18.7	22.3	31.0	47	67	61	19
Van Buren	12.4	.0	.0	.0	.0	12.4	37.1	50.8	92	7	28	74
Warren	10.4	2.6	1.1	.0	1.4	16.7	22.7	33.3	54	53	52	31
Washington	12.8	5.1	1.1	.6	.9	19.3	22.9	33.2	54	50	63	15
Wayne	7.2	1.6	2.9	.0	1.6	13.2	29.3	38.8	74	19	32	68

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Weakley...........	32,984	3.3	0.3	0.0	0.3	0.0	23.1	18.9	6.6
White.............	19,751	7.6	1.3	1.8	1.1	.0	25.0	12.0	9.7
Williamson........	62,458	4.1	.7	.0	.3	.0	21.3	15.6	6.2
Wilson............	58,584	9.1	.3	.0	.0	1.3	28.6	15.1	3.9
Texas...............	15,304,716	9.1	1.2	.3	.1	.1	25.8	12.5	14.8
Anderson..........	42,843	6.0	1.5	.9	.0	.0	35.8	10.4	12.1
Andrews...........	14,937	4.3	1.5	.0	1.5	.0	35.6	18.9	4.4
Angelina..........	66,398	5.8	.7	.7	.2	.4	33.4	11.6	12.5
Aransas...........	15,850	8.0	.8	.0	.0	.0	29.5	12.4	6.4
Archer............	7,789	6.6	3.7	.0	.0	.0	20.1	13.5	4.9
Armstrong.........	1,991	.0	.0	.0	.0	.0	67.6	8.8	.0
Atascosa..........	26,658	3.6	1.3	.9	.0	.0	37.9	13.1	9.3
Austin............	19,390	5.0	.0	.0	.0	.0	49.5	8.1	9.0
8ailey............	8,265	1.6	.0	.0	.0	.0	33.4	8.6	9.1
8andera...........	7,915	6.4	.0	.0	.0	.0	42.5	9.7	6.7
8astrop...........	28,950	9.3	.0	.9	.0	.9	50.2	11.0	13.5
8aylor............	4,931	8.4	.0	.0	.0	.0	32.1	.0	5.9
Bee...............	27,000	15.8	.8	.0	.0	.0	41.3	12.2	11.0
Bell..............	165,673	6.3	.0	.2	.0	.1	25.4	11.3	10.7
8exar.............	1,062,253	12.0	.9	.2	.0	.0	20.4	11.2	18.3
Blanco............	5,058	7.2	.0	.0	.0	.0	46.4	34.3	10.6
Borden............	947	.0	.0	.0	.0	.0	.0	.0	.0
8osque............	13,791	2.7	.5	.0	.0	.0	59.4	7.9	15.6
Bowie.............	77,546	6.2	1.6	.6	.0	.0	22.7	15.9	10.5
Brazoria..........	177,395	7.7	1.0	.0	.0	.1	34.8	13.1	9.2
8razos............	107,304	7.7	.9	.1	.0	.0	19.1	8.7	6.9
Brewster..........	7,876	14.1	5.2	.0	.0	.0	29.1	20.2	12.7
8riscoe...........	2,424	.0	.0	.0	.0	.0	47.3	11.5	12.4
Brooks............	8,836	27.0	.0	.0	.0	.0	21.9	21.7	14.8
Brown.............	34,182	8.0	.3	.3	.0	.0	28.2	11.7	8.2
8urleson..........	13,730	8.0	.0	.0	.0	.0	51.6	11.7	15.9
Burnet............	19,990	4.5	.6	.0	.0	.0	40.0	11.3	10.5
Caldwell..........	25,527	11.5	4.3	.5	.0	.0	29.9	7.8	7.7
Calhoun...........	20,845	6.7	.0	.0	.0	.0	34.4	13.5	8.2
Callahan..........	12,096	7.1	.0	1.1	.0	.0	36.6	4.6	1.7
Cameron...........	231,733	7.2	.7	.0	.0	.0	21.3	7.5	11.2
Camp..............	9,676	7.3	.0	.0	.0	.0	48.4	16.5	10.3
Carson............	7,050	4.9	.0	.0	.0	.0	23.3	12.1	9.4
Cass..............	29,985	6.2	.5	.0	.0	.0	45.0	12.9	7.6
Castro............	10,465	5.1	.0	.0	.0	.0	39.6	13.0	12.9
Chambers..........	18,976	8.9	.0	.0	.0	.0	39.6	14.0	5.6
Cherokee..........	38,637	5.6	.6	.0	.0	.0	37.9	15.8	7.5
Childress.........	6,725	.6	.0	.0	.0	.0	27.9	11.1	3.5
Clay..............	9,737	9.5	.0	.0	.0	.0	18.9	12.8	3.3
Cochran...........	4,787	4.1	.0	.0	.0	.0	36.1	.0	9.6
Coke..............	3,442	.0	.0	.0	.0	.0	42.0	5.6	8.5
Coleman...........	10,544	6.1	2.8	.0	.0	.0	24.7	15.7	5.3
Collin............	166,399	5.8	.9	.6	.0	.0	23.4	11.9	5.4
Collingsworth.....	4,408	7.3	.0	.0	.0	.0	26.7	8.5	.0
Colorado..........	19,477	12.2	1.0	1.3	.0	.0	60.3	9.9	10.1
Comal.............	40,761	8.6	.6	1.1	.0	.0	35.9	13.2	5.7
Comanche..........	12,814	14.2	1.9	.0	.0	.0	33.6	15.9	3.9
Concho............	2,898	.0	.0	.0	.0	.0	41.4	.0	.0
Cooke.............	28,236	3.3	.0	.8	.0	.0	30.1	19.8	10.2
Coryell...........	57,928	6.0	.5	.0	.0	.0	14.4	7.5	4.6
Cottle............	2,811	28.5	2.7	.0	.0	.0	54.7	20.3	1.6
Crane.............	4,925	3.4	.0	.0	.0	.0	33.9	9.0	9.2
Crockett..........	4,790	8.8	4.4	.0	.0	.0	65.3	.0	4.2

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates: Minimum	Range of Rates: Maximum	Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
Weakley	5.5	4.1	0.5	0.3	0.0	10.4	18.6	27.2	30	84	17	82
White	13.6	4.1	1.8	1.1	.0	19.5	24.8	35.3	61	37	64	14
Williamson	5.1	2.7	.5	.3	.3	8.2	17.6	25.9	24	90	9	89
Wilson	13.9	4.2	.4	.0	1.7	19.1	22.2	33.5	53	56	63	17
Texas	12.9	2.8	1.0	.2	.6	17.1	25.7	38.1	-	-	-	-
Anderson	14.1	3.4	2.4	.0	4.7	23.0	27.6	38.6	72	93	77	18
Andrews	5.7	1.5	.0	1.5	.0	8.6	25.5	35.7	63	129	10	201
Angelina	7.6	1.1	.7	.2	.7	10.0	26.6	37.5	68	106	15	180
Aransas	12.3	2.3	.0	.0	.0	13.1	21.9	32.7	50	176	31	108
Archer	6.6	6.4	.0	.0	.0	15.6	19.8	28.7	36	215	46	63
Armstrong	.0	.0	.0	.0	.0	.0	30.2	39.1	76	78	...	...
Atascosa	8.5	2.4	.9	.0	.0	11.4	26.6	36.5	67	114	22	153
Austin	10.6	.9	.9	.0	.0	11.5	28.7	39.8	75	79	23	151
Bailey	1.6	.0	.0	.0	.0	1.6	20.7	28.2	37	212	0	241
Bandera	6.4	1.4	.0	.0	.0	7.9	25.6	36.5	64	121	8	208
Bastrop	11.5	.9	.9	.0	1.6	14.9	35.2	49.9	90	26	42	76
Baylor	12.6	8.4	5.3	.0	5.9	20.4	19.7	28.7	36	216	68	27
Bee	16.8	1.6	.0	.0	1.7	20.1	32.3	49.3	88	35	67	29
Bell	9.3	.8	1.0	.1	.3	11.8	20.8	30.8	43	196	24	140
Bexar	16.7	2.1	.3	.1	.1	19.3	25.4	39.1	69	104	63	36
Blanco	8.8	.0	.0	.0	.0	8.8	34.3	50.9	90	25	10	195
Borden	.0	.0	.0	.0	.0	.0	.0	.0	...	...	...	...
Bosque	7.7	.7	.0	.0	.0	8.4	35.4	47.4	89	31	9	202
Bowie	9.0	2.0	.9	.0	.0	11.9	22.4	32.7	51	170	25	136
Brazoria	10.8	2.4	.5	.0	.8	13.7	25.8	37.5	67	111	34	96
Brazos	11.9	2.1	.2	.0	.2	13.5	17.1	26.1	23	231	34	99
Brewster	18.0	9.9	1.8	.0	.0	29.7	33.2	49.6	89	32	89	7
Briscoe	.0	.0	.0	.0	.0	.0	28.0	37.3	70	98	...	...
Brooks	30.2	1.1	.0	.0	.0	31.3	31.6	54.8	91	24	91	6
Brown	11.0	2.2	.3	.0	.6	12.2	21.9	32.7	50	177	27	126
Burleson	10.2	1.8	.0	.0	.0	12.1	34.8	49.5	90	28	26	132
Burnet	5.1	.9	.0	.0	.0	6.1	26.4	36.9	67	112	4	226
Caldwell	12.8	5.1	.5	.0	.0	17.6	27.2	39.3	72	91	57	48
Calhoun	11.5	.0	.0	.0	.0	11.5	23.7	34.8	58	146	23	150
Callahan	10.4	1.1	1.1	.0	.0	12.6	21.1	30.1	42	199	29	116
Cameron	10.4	1.3	.2	.0	.0	11.6	19.4	28.8	35	217	23	144
Camp	7.3	2.7	.0	.0	.0	10.0	31.5	45.3	84	49	15	179
Carson	4.9	1.7	.0	.0	.0	6.5	18.6	27.5	30	221	5	223
Cass	9.1	1.7	.0	.0	.0	10.8	28.1	40.0	74	83	19	168
Castro	7.1	.0	.0	.0	.0	7.1	27.4	38.9	72	92	6	217
Chambers	15.3	2.2	.0	.0	.0	16.2	25.7	38.2	68	108	49	57
Cherokee	7.4	1.3	1.9	.0	.0	10.6	25.5	36.6	65	119	17	172
Childress	2.5	.0	.0	.0	.0	2.5	15.8	21.7	11	241	0	239
Clay	9.5	.0	2.6	.0	.0	12.1	16.0	25.9	20	234	26	133
Cochran	12.4	.0	.0	.0	.0	12.4	21.4	29.2	41	205	28	121
Coke	.0	.0	.0	.0	.0	.0	22.8	29.8	45	189	...	...
Coleman	11.1	4.6	.0	.0	.0	13.0	21.3	30.8	44	192	31	112
Collin	8.5	2.5	2.7	.2	.2	14.0	18.6	27.2	30	224	36	92
Collingsworth	11.0	.0	.0	.0	.0	11.0	15.9	24.3	17	237	20	164
Colorado	16.4	4.0	1.3	.0	.0	20.4	39.3	56.0	95	14	68	28
Comal	10.4	1.9	1.1	.0	.0	13.8	25.6	37.4	66	116	35	94
Comanche	16.6	3.2	.0	1.0	.0	18.7	26.9	41.6	75	80	61	41
Concho	4.3	2.7	.0	.0	.0	7.0	17.4	22.0	15	239	5	219
Cooke	4.4	2.5	2.3	.0	.0	9.1	23.6	33.8	56	156	11	193
Coryell	8.2	2.7	.0	.0	.0	10.9	12.7	19.6	4	245	19	165
Cottle	34.0	4.3	.0	.0	.0	38.3	42.2	67.4	97	3	96	1
Crane	16.0	.0	.0	3.4	.0	16.0	21.8	30.5	44	190	48	60
Crockett	8.8	4.4	.0	.0	.0	13.2	37.4	50.0	92	22	32	105

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Crosby	8,660	0.8	0.0	0.0	0.0	0.0	10.1	16.3	11.9
Culberson	3,433	26.5	.0	.0	.0	.0	72.0	4.5	11.5
Dallam	6,527	6.5	.0	.0	3.8	.0	69.5	13.6	6.8
Dallas	1,660,229	9.5	3.2	.6	.1	.1	20.5	14.4	19.9
Dawson	16,333	9.7	.0	.0	.0	.0	20.7	5.1	9.2
Deaf Smith	20,818	8.2	1.3	.0	.0	.0	26.3	13.6	13.6
Delta	4,843	.0	11.1	.0	.0	.0	29.1	2.2	19.8
Denton	166,216	7.4	1.1	.3	.2	.0	23.6	12.3	6.0
De Witt	19,298	6.5	.8	.0	.0	.0	41.3	9.7	10.4
Dickens	3,321	.0	.0	.0	.0	.0	14.1	.0	9.6
Dimmit	11,735	9.8	2.5	2.3	.0	.0	22.1	3.4	13.3
Donley	4,092	3.6	5.8	.0	.0	.0	33.7	.0	3.0
Duval	12,962	10.7	.0	.0	.0	.0	45.7	11.4	16.7
Eastland	20,274	8.5	.0	.0	.0	.0	26.9	12.2	4.2
Ector	126,961	9.2	1.7	.4	1.0	.0	30.6	17.8	17.0
Edwards	2,087	10.6	.0	.0	.0	.0	14.7	15.9	5.3
Ellis	64,955	5.3	.6	.5	.3	.0	31.0	12.3	12.0
El Paso	512,925	12.6	1.1	.5	.2	.0	21.2	11.3	7.4
Erath	23,627	4.3	1.1	.0	.0	.0	32.5	14.2	2.5
Falls	17,864	7.8	.6	.0	.0	.0	35.9	6.1	9.1
Fannin	24,319	4.6	1.0	.0	.0	.0	35.1	13.9	3.8
Fayette	19,624	7.3	2.8	.0	.0	.0	38.6	14.8	6.9
Fisher	5,882	5.8	.0	.0	.0	.0	25.5	14.5	3.8
Floyd	9,342	4.3	.0	.0	.0	.0	26.1	6.4	6.3
Foard	2,048	.0	.0	.0	.0	.0	35.2	30.1	.0
Fort Bend	158,534	7.6	.7	.0	.0	.0	26.1	12.3	11.7
Franklin	7,190	7.6	.0	.0	.0	.0	38.7	11.9	16.6
Freestone	15,964	2.0	.0	1.0	.0	.0	40.7	9.9	8.6
Frio	14,175	8.6	.0	.0	.0	.0	27.5	10.7	11.9
Gaines	13,810	1.2	3.1	.0	.0	.0	43.5	12.2	5.8
Galveston	206,014	11.3	1.4	.4	.1	.1	25.4	15.8	15.5
Garza	5,499	13.0	.0	.0	.0	.0	61.4	22.8	7.2
Gillespie	14,435	8.1	2.4	.0	.0	.0	42.4	15.0	3.2
Glasscock	1,267	.0	.0	.0	.0	.0	48.4	21.6	17.1
Goliad	5,510	4.5	7.0	.0	.0	.0	38.6	4.3	.0
Gonzales	17,932	5.5	.0	.0	.0	.0	41.8	12.1	13.8
Gray	26,949	5.9	.0	.8	.0	.0	20.7	13.2	11.8
Grayson	92,702	7.8	2.0	.5	.4	.0	34.8	12.8	7.7
Gregg	106,400	8.3	.4	.2	.0	.0	34.2	13.1	16.6
Grimes	16,220	6.5	.0	.0	.0	.0	40.0	8.4	14.6
Guadalupe	50,492	6.5	1.3	.0	.0	.0	31.7	16.6	9.2
Hale	37,547	5.0	.5	.5	.0	.0	29.8	11.0	9.6
Hall	5,279	15.3	.0	.0	.0	.0	39.2	11.2	11.0
Hamilton	8,194	7.0	4.4	.0	.0	.0	57.2	20.8	16.5
Hansford	6,376	3.4	.0	.0	.0	.0	42.9	14.9	5.6
Hardeman	6,454	7.3	2.0	.0	.0	.0	33.7	8.2	4.6
Hardin	41,908	7.8	.0	.5	.0	.5	40.1	8.9	10.0
Harris	2,618,311	11.1	.7	.3	.1	.5	23.6	14.5	24.5
Harrison	55,105	13.5	2.3	.9	.4	.3	28.5	9.7	14.3
Hartley	4,037	3.2	.0	.0	.0	.0	20.0	9.3	.0
Haskell	7,527	13.6	1.8	.0	.0	.0	24.1	12.9	13.4
Hays	47,007	9.6	1.2	.8	.0	.0	24.8	12.4	8.9
Hemphill	5,579	3.8	.0	.0	.0	.0	29.1	9.2	13.8
Henderson	46,715	8.9	.2	.0	.0	.0	43.6	13.7	17.4
Hidalgo	319,708	8.4	.3	.3	.1	.0	21.3	6.0	7.0
Hill	26,122	6.9	.0	.5	.0	.0	27.1	6.1	11.8
Hockley	24,325	4.9	1.9	1.0	.0	.0	33.3	9.8	4.7
Hood	21,216	6.7	.0	.0	.0	.0	34.0	10.7	7.9
Hopkins	26,832	5.8	3.6	.0	.0	.0	32.4	14.6	4.4
Houston	22,443	4.6	1.9	.0	.0	.0	38.8	2.3	11.6

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Crosby	1.7	0.5	0.0	0.0	0.0	2.2	13.5	19.8	5	243	0	240
Culberson	32.4	.0	.0	.0	.0	32.4	47.4	72.4	98	2	92	4
Dallam	9.5	.0	.0	3.8	.0	13.4	41.6	56.2	96	8	33	101
Dallas	13.7	6.5	3.9	.3	.2	24.1	28.7	41.9	77	71	80	15
Dawson	13.1	1.5	.0	.0	.0	14.6	18.0	28.0	30	223	40	83
Deaf Smith	10.2	5.2	1.0	.0	.0	16.5	24.8	36.8	64	124	50	56
Delta	.0	11.1	.0	.0	.0	11.1	33.0	39.9	80	62	20	161
Denton	9.9	2.6	1.2	.2	.2	13.8	19.8	29.5	38	209	35	95
De Witt	10.6	1.9	.0	.0	.0	12.5	27.6	39.1	72	90	29	119
Dickens	.0	.0	.0	.0	.0	.0	10.4	13.6	1	249	...	...
Dimmit	11.6	5.0	3.9	.0	.0	19.8	25.0	35.5	62	133	66	31
Donley	13.5	5.8	.0	.0	.0	19.3	22.8	28.9	43	195	63	35
Duval	13.5	.0	1.3	.0	.0	14.8	33.7	49.3	89	30	41	78
Eastland	10.4	.7	.0	.0	.0	11.2	19.2	29.6	37	213	21	159
Ector	13.1	3.1	.6	1.0	.9	18.0	31.4	45.6	84	48	58	45
Edwards	10.6	10.8	.0	.0	.0	21.4	16.2	27.1	24	230	72	21
Ellis	7.6	1.6	2.5	.6	.3	12.2	24.7	35.1	61	136	27	128
El Paso	17.4	2.9	.9	.2	.4	21.4	21.5	33.8	52	167	72	22
Erath	8.5	3.6	.0	.7	1.2	13.3	20.5	29.2	39	208	32	103
Falls	10.1	.6	.0	.0	.0	10.6	24.4	35.1	60	140	18	170
Fannin	6.9	6.3	2.1	.3	.0	15.6	22.1	31.5	48	180	46	64
Fayette	11.4	3.5	.0	.0	.0	14.9	28.2	40.1	74	81	42	74
Fisher	5.8	.0	.0	.0	.0	5.8	17.7	26.8	26	226	3	228
Floyd	4.7	.0	.0	.0	.0	4.7	17.0	24.4	19	235	2	232
Foard	.0	9.5	.0	.0	.0	9.5	20.8	29.8	41	204	12	188
Fort Bend	9.7	1.7	.3	.1	.1	12.0	22.8	33.9	55	164	25	134
Franklin	10.2	1.2	.0	.0	.0	10.2	29.6	42.8	79	65	16	176
Freestone	3.9	.3	1.5	.0	.0	7.5	24.9	33.7	58	145	7	212
Frio	10.2	.0	.0	.0	.0	10.2	22.8	34.3	56	161	16	174
Gaines	2.9	3.1	.0	.0	.0	6.0	27.1	35.6	66	117	4	227
Galveston	14.8	3.3	.7	.1	.1	18.9	27.7	41.9	76	76	62	40
Garza	16.0	2.1	4.3	.0	4.1	26.5	39.1	58.0	95	11	85	13
Gillespie	12.0	2.4	.0	.0	.0	14.4	28.1	40.2	74	82	39	86
Glasscock	.0	.0	.0	.0	.0	.0	32.7	44.6	85	47	...	...
Goliad	4.5	9.5	.0	.0	.0	14.0	25.9	33.4	60	141	37	91
Gonzales	5.9	1.4	.0	.0	.0	7.3	28.7	40.7	76	77	6	214
Gray	7.4	.0	.8	.0	.0	8.2	20.1	29.8	39	207	9	205
Grayson	11.5	4.8	.9	.4	.0	16.8	26.8	38.3	70	101	52	54
Gregg	10.7	1.8	.8	.2	.2	13.5	28.8	42.1	78	70	34	98
Grimes	12.1	1.0	.0	.0	.0	13.1	28.0	39.8	74	85	31	110
Guadalupe	9.3	2.6	.0	.0	.0	11.5	25.0	36.3	63	127	23	149
Hale	9.1	1.5	.5	.0	.0	11.6	22.3	31.8	49	179	23	146
Hall	20.6	.0	.0	.0	.0	20.6	30.2	46.5	84	50	69	26
Hamilton	10.2	4.4	.0	.0	.0	14.6	43.2	59.6	96	5	40	84
Hansford	8.3	2.5	.0	.0	.0	10.8	25.0	35.1	62	135	18	169
Hardeman	7.7	2.0	.0	.0	.0	9.8	23.0	32.9	53	166	14	182
Hardin	9.5	.3	.5	.0	.5	10.8	27.5	39.3	72	89	19	167
Harris	17.4	1.9	.4	.1	1.1	20.8	30.4	45.7	84	52	70	25
Harrison	18.4	10.7	1.3	.4	.3	28.1	30.0	44.5	82	56	87	9
Hartley	3.2	.0	.0	.0	.0	3.2	11.6	17.1	2	247	0	238
Haskell	14.2	2.7	.0	.0	.0	17.0	26.4	40.8	73	86	53	52
Hays	13.1	1.9	.8	.0	.5	15.6	23.0	34.5	56	154	46	66
Hemphill	3.8	.0	.0	.0	.0	3.8	22.1	31.2	47	184	1	236
Henderson	10.5	1.3	.0	.2	.6	13.1	33.1	48.0	88	38	32	107
Hidalgo	11.7	.6	.3	.2	.0	12.7	17.6	26.7	26	229	30	115
Hill	8.6	1.2	2.2	.3	.0	12.4	21.5	31.2	46	186	28	122
Hockley	6.1	1.9	1.9	.0	.0	9.9	23.0	31.8	50	174	14	181
Hood	9.7	1.0	.0	.4	.0	11.2	22.9	33.4	54	165	21	157
Hopkins	9.3	4.6	.6	.0	.4	14.8	24.6	34.5	59	142	41	77
Houston	7.9	3.0	.4	.0	.0	10.2	25.9	35.0	63	130	16	175

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Howard	35,296	8.2	1.0	0.7	0.0	0.0	33.7	14.9	18.0
Hudspeth	2,677	.0	.0	.0	.0	.0	36.5	.0	.0
Hunt	60,169	4.2	.4	.0	.0	.0	33.2	10.9	12.9
Hutchinson	27,818	8.8	.5	.9	.0	.0	26.0	16.1	4.2
Irion	1,668	.0	.0	.0	.0	.0	.0	12.3	.0
Jack	7,503	7.2	.0	.0	.0	.0	25.2	6.9	6.2
Jackson	13,534	8.4	1.7	.0	.0	.0	44.0	13.6	8.8
Jasper	31,390	8.3	1.1	.8	.0	.0	38.3	8.3	9.9
Jeff Davis	1,699	.0	7.4	.0	.0	.0	18.9	28.9	13.0
Jefferson	254,664	10.7	1.6	.2	.2	.0	25.3	13.3	13.6
Jim Hogg	5,344	12.6	.0	.0	.0	.0	16.5	9.0	14.0
Jim Wells	38,560	8.5	.4	.5	.0	.0	37.8	10.5	8.4
Johnson	76,267	6.1	.4	.3	.6	.0	33.8	14.8	7.3
Jones	17,877	5.2	2.5	.0	1.2	.0	29.8	7.2	10.9
Karnes	13,489	15.2	.0	.0	.0	.0	45.8	9.6	10.8
Kaufman	43,639	9.4	.0	.5	1.0	.5	32.2	12.8	18.1
Kendall	11,990	9.4	.0	.0	.0	.0	33.7	10.8	.0
Kenedy	560	.0	.0	.0	.0	.0	.0	.0	.0
Kent	1,195	.0	.0	.0	5.0	.0	29.5	13.0	6.5
Kerr	31,213	9.9	1.1	.0	.0	.7	39.3	11.9	10.4
Kimble	4,155	4.8	.0	.0	.0	.0	59.4	24.5	10.6
King	402	.0	.0	.0	.0	.0	43.4	.0	.0
Kinney	2,346	21.7	10.8	.0	.0	.0	63.6	.0	33.6
Kleberg	34,284	8.7	1.3	.9	.0	.0	26.7	8.2	13.7
Knox	5,468	.9	2.4	.0	.0	.0	25.1	22.9	12.9
Lamar	43,409	4.5	.0	.5	.0	.0	31.7	9.0	10.7
Lamb	17,873	3.5	.9	.0	.0	.0	26.0	7.5	10.7
Lampasas	12,980	6.2	.0	3.1	.0	.0	19.4	16.9	7.0
La Salle	5,713	9.7	.0	.0	.0	.0	19.4	6.2	23.3
Lavaca	19,225	7.6	4.0	.0	.0	.0	20.8	13.0	5.5
Lee	12,466	7.1	.0	.0	.0	.0	53.0	9.5	13.7
Leon	11,010	9.7	.0	.0	.0	.0	64.8	12.6	16.7
Liberty	51,072	8.3	2.1	.4	.0	.4	53.4	13.7	19.3
Limestone	21,130	8.5	.0	.4	.0	.0	36.2	16.4	13.5
Lipscomb	3,942	.0	.0	.0	.0	.0	45.7	24.5	.0
Live Oak	9,419	2.0	.0	.0	.0	.0	33.5	10.3	5.0
Llano	11,100	6.8	.0	.0	.0	.0	57.2	18.4	14.6
Loving	80	.0	.0	.0	.0	.0	.0	.0	.0
Lubbock	218,542	6.7	.4	.1	.0	.1	22.0	13.1	14.6
Lynn	8,205	8.6	.0	.0	.0	.0	46.9	17.5	.0
McCulloch	8,894	10.0	.0	3.4	.0	.0	44.8	11.2	10.9
McLennan	177,291	8.4	.6	.1	.2	.1	21.9	11.1	9.5
McMullen	863	.0	.0	.0	.0	.0	64.7	.0	.0
Madison	11,322	1.6	.0	.0	.0	.0	31.9	.9	8.8
Marion	10,329	4.9	1.9	2.1	.0	.0	42.8	4.6	35.5
Martin	5,105	7.3	.0	.0	.0	.0	42.8	11.5	1.0
Mason	3,575	3.2	.0	.0	.0	.0	55.9	8.0	3.6
Matagorda	38,303	11.6	.5	.0	.0	.0	47.2	6.6	15.0
Maverick	34,479	3.5	.0	.0	.0	.0	21.0	1.9	4.1
Medina	24,023	4.3	.0	.0	.0	.0	40.1	6.5	6.7
Menard	2,374	.0	.0	.0	.0	.0	54.8	6.4	21.2
Midland	96,637	8.9	1.7	1.2	.0	.0	29.0	13.1	10.0
Milam	23,044	7.8	.0	.0	.0	.0	28.2	7.9	21.0
Mills	4,518	2.7	.0	.0	.0	.0	39.4	10.4	.0
Mitchell	9,218	4.3	6.0	.0	.0	.0	37.0	3.0	4.1
Montague	18,013	10.5	2.1	.0	.0	.0	40.7	9.6	8.9
Montgomery	153,260	7.9	.3	.2	.3	.2	33.8	14.7	11.3
Moore	16,968	6.8	2.1	.0	1.4	.0	24.3	22.3	9.0
Morris	14,711	9.1	.8	.0	1.6	.0	46.8	14.3	18.8
Motley	1,841	.0	.0	.0	.0	.0	35.0	.0	.0

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Howard	9.4	3.3	0.7	0.0	0.6	13.4	30.7	44.5	82	54	33	102
Hudspeth	.0	.0	.0	.0	.0	.0	15.3	19.3	7	242	...	...
Hunt	7.3	1.6	.8	.0	.0	9.7	24.3	34.3	58	147	14	183
Hutchinson	12.5	.5	1.4	.0	.0	14.4	21.2	32.2	47	183	39	85
Irion	.0	11.7	.0	.0	.0	11.7	2.5	4.6	0	250	24	143
Jack	7.2	3.1	.0	.0	.0	7.2	17.8	26.7	26	227	6	215
Jackson	12.3	3.6	.0	.0	.0	15.9	30.5	43.7	82	59	47	61
Jasper	10.6	1.1	1.5	.0	.8	13.2	27.7	39.4	73	88	32	104
Jeff Davis	.0	7.4	.0	.0	.0	7.4	27.2	36.4	68	109	7	213
Jefferson	14.4	3.4	.4	.3	.2	18.6	26.1	39.2	70	99	61	42
Jim Hogg	16.0	.0	.0	.0	.0	16.0	20.5	33.0	47	181	48	59
Jim Wells	10.8	1.7	.5	.0	2.3	14.7	26.3	38.3	69	103	41	82
Johnson	10.7	1.8	.3	.6	.8	14.2	24.4	35.2	60	138	38	90
Jones	6.0	5.1	1.4	1.2	.0	12.4	24.9	34.1	59	143	28	120
Karnes	16.5	3.1	.0	2.0	.0	19.6	32.4	49.1	88	36	65	33
Kaufman	12.3	2.1	1.9	1.3	.5	17.0	30.5	44.4	82	55	54	51
Kendall	9.4	1.7	.0	.0	.0	9.4	20.1	30.8	41	202	12	189
Kenedy	27.4	.0	.0	.0	.0	27.4	.0	.0	...	...	86	...
Kent	.0	10.9	.0	5.0	.0	15.9	23.0	29.6	45	187	47	62
Kerr	14.7	2.9	1.8	.1	.7	20.1	29.7	43.2	80	63	67	30
Kimble	8.3	.0	2.9	.0	.0	11.3	36.8	51.9	92	20	22	155
King	.0	.0	.0	.0	.0	.0	18.2	23.0	19	236	...	...
Kinney	21.7	10.8	.0	.0	.0	32.5	62.2	86.6	99	1	92	3
Kleberg	17.1	2.8	.9	.0	2.9	22.8	25.0	36.3	63	126	76	19
Knox	3.2	2.4	.0	.0	.0	5.6	24.0	33.3	56	160	3	229
Lamar	7.2	3.1	.8	.0	.0	10.1	22.5	31.7	49	178	15	177
Lamb	4.5	.9	1.4	.0	.0	6.8	19.8	27.7	34	219	5	221
Lampasas	11.3	.0	3.1	.0	.0	14.4	20.5	30.1	41	206	39	87
La Salle	16.0	.0	.0	.0	.0	16.0	24.4	36.8	63	128	48	58
Lavaca	9.6	4.0	.0	1.4	.0	15.0	21.0	30.6	43	197	43	72
Lee	8.5	.8	.0	.0	.0	9.3	33.5	47.1	87	39	12	191
Leon	11.1	.0	.5	.0	.0	11.5	41.6	58.9	96	6	23	148
Liberty	10.1	2.6	1.2	.0	.7	14.2	40.6	56.6	95	10	38	89
Limestone	13.8	1.4	.4	.7	.0	15.5	28.7	42.3	78	69	45	68
Lipscomb	.0	.0	.0	.0	.0	.0	24.1	33.3	56	158	...	...
Live Oak	6.2	.0	.0	.0	.0	6.2	19.3	26.7	30	222	4	225
Llano	7.9	.7	.0	.0	.0	8.6	37.3	52.9	93	19	10	198
Loving	.0	.0	.0	.0	.0	.0	.0	.0	...	...	...	...
Lubbock	9.4	1.0	.1	.3	.3	10.9	22.0	32.8	50	175	19	166
Lynn	8.6	.0	.0	.0	.0	8.6	26.7	39.5	71	94	10	200
McCulloch	10.0	.9	3.4	.0	.0	14.2	33.7	47.7	88	37	38	88
McLennan	11.4	2.1	.5	.4	.5	14.8	20.4	30.9	42	198	41	79
McMullen	.0	.0	.0	.0	.0	.0	27.2	34.3	64	125	...	...
Madison	3.9	.0	.0	.0	.0	3.9	18.4	24.4	23	233	1	235
Marion	5.7	4.9	2.1	.0	2.6	15.4	41.6	55.8	95	9	45	70
Martin	7.3	.0	.0	.0	.0	11.8	23.7	34.5	58	151	24	141
Mason	6.8	.0	.0	.0	.0	6.8	28.1	37.9	71	96	5	222
Matagorda	16.3	2.5	5.2	.7	3.5	24.0	33.4	48.5	88	33	80	16
Maverick	10.1	.6	.0	.0	.0	11.3	12.5	17.7	3	246	22	154
Medina	7.9	.0	.0	.0	.0	8.9	23.0	32.0	51	172	11	194
Menard	3.2	.0	.0	.0	.0	3.2	34.3	45.0	87	42	0	237
Midland	12.3	3.2	1.5	.4	.2	17.1	26.2	38.1	69	105	54	50
Milam	10.0	.0	.0	.0	.0	10.0	26.5	38.7	70	100	15	178
Mills	4.1	1.4	.0	.0	6.8	12.2	19.7	27.3	32	220	27	125
Mitchell	8.9	7.5	.0	.0	.0	19.2	25.9	33.6	60	139	63	39
Montague	13.7	2.1	4.2	1.6	.0	21.6	29.7	43.0	80	64	73	20
Montgomery	10.6	1.2	.2	.3	.4	12.2	26.6	39.0	71	97	27	127
Moore	9.6	3.5	.0	1.4	.0	13.2	25.2	36.9	65	120	32	106
Morris	11.5	1.9	.0	1.6	.0	14.9	37.4	53.1	93	18	42	73
Motley	.0	.0	.0	.0	.0	.0	14.7	18.6	5	244	...	...

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Nacogdoches.......	48,497	7.5	0.6	0.9	0.0	0.0	36.6	12.3	13.5
Navarro...........	37,148	6.1	1.0	1.3	.8	.0	30.1	11.1	11.1
Newton............	13,245	5.7	.0	.0	.0	.0	29.2	16.2	11.4
Nolan.............	17,693	7.4	.0	.9	.0	.0	37.4	10.3	4.7
Nueces............	283,800	11.8	4.1	.3	.1	.1	22.5	13.1	14.4
Ochiltree.........	10,321	1.3	4.6	.0	.0	.0	35.3	16.3	5.9
Oldham............	2,555	21.0	.0	.0	.0	.0	26.4	6.4	.0
Orange............	85,885	6.2	1.8	.0	.4	.0	34.3	11.8	8.7
Palo Pinto........	25,358	11.1	2.9	.0	.0	.0	37.9	13.2	10.5
Panola............	21,701	5.2	.0	.0	.0	.0	46.8	12.5	13.5
Parker............	49,437	5.1	1.2	.0	.0	.0	29.6	13.9	10.7
Parmer............	10,891	2.5	.0	.0	.0	.0	42.3	8.2	3.9
Pecos.............	16,121	10.6	.0	1.3	.0	.0	55.8	7.9	9.5
Polk..............	26,982	6.1	.0	1.0	.0	.0	42.7	10.7	13.4
Potter............	103,155	10.8	.4	.3	.2	.0	30.2	19.0	16.4
Presidio..........	5,472	14.4	.0	.0	.0	.0	54.3	7.6	19.1
Rains.............	5,355	13.5	.0	.0	.0	.0	60.5	7.3	14.9
Randall...........	80,630	6.1	.5	.3	.0	.0	18.4	9.8	5.3
Reagan............	4,633	7.3	.0	.0	.0	.0	58.0	5.1	.0
Real..............	2,642	.0	.0	.0	.0	.0	54.5	.0	.0
Red River.........	15,910	5.2	1.4	.0	.0	.0	45.6	12.2	15.7
Reeves............	16,067	17.9	1.6	.0	.0	.0	36.6	7.7	13.7
Refugio...........	9,174	7.2	1.6	.0	.0	.0	51.6	10.6	3.6
Roberts...........	1,167	12.0	.0	.0	.0	.0	45.7	.0	.0
Robertson.........	15,405	1.3	2.6	.0	.0	.0	44.7	8.6	10.7
Rockwall..........	17,692	5.0	.0	.0	.0	.0	26.6	23.0	6.2
Runnels...........	12,180	2.6	.0	.0	.0	.0	33.3	10.2	11.3
Rusk..............	42,400	4.5	.0	.0	.0	.0	40.6	5.8	19.8
Sabine............	9,237	10.4	.0	.0	1.2	.0	67.5	13.8	3.1
San Augustine.....	8,829	6.3	.0	.0	.0	.0	52.3	9.8	5.7
San Jacinto.......	12,842	9.6	1.9	2.0	.0	.0	50.3	15.0	12.2
San Patricio......	59,896	10.7	.3	.0	.0	.0	33.2	6.6	11.3
San Saba..........	5,987	4.7	.0	.0	.0	.0	34.0	10.1	12.5
Schleicher........	3,100	4.5	.0	.0	.0	.0	22.7	.0	.0
Scurry............	19,265	4.9	.9	1.1	.0	.0	32.5	7.8	10.4
Shackelford.......	4,029	8.2	.0	.0	.0	.0	33.9	19.6	5.7
Shelby............	23,504	7.0	1.1	.0	.0	1.1	40.5	7.9	15.0
Sherman...........	3,180	.0	.0	.0	.0	.0	92.1	5.3	7.7
Smith.............	138,059	6.1	.8	.5	.0	.3	28.8	14.1	14.5
Somervell.........	4,383	8.6	.0	.0	.0	.0	44.3	19.9	25.5
Starr.............	31,023	5.7	.0	.0	.0	.0	24.1	8.9	13.6
Stephens..........	10,274	7.0	.0	.0	.0	.0	39.9	11.2	9.8
Sterling..........	1,417	.0	.0	.0	.0	.0	.0	.0	.0
Stonewall.........	2,411	11.9	.0	.0	.0	.0	21.6	25.2	.0
Sutton............	5,363	2.4	4.6	4.3	.0	.0	62.8	32.6	4.3
Swisher...........	9,339	4.0	1.7	.0	.0	.0	27.8	9.6	13.0
Tarrant...........	943,181	10.8	1.1	.2	.0	.1	23.7	11.6	15.5
Taylor............	117,508	6.6	.5	.1	.3	.0	21.3	12.2	8.9
Terrell...........	1,566	36.4	.0	.0	.0	.0	41.1	.0	.0
Terry.............	15,026	3.1	2.8	.0	.0	.0	25.3	17.7	4.2
Throckmorton......	2,201	.0	.0	.0	.0	.0	48.9	36.6	10.2
Titus.............	22,239	5.6	.7	1.2	1.2	.7	45.2	12.6	16.1
Tom Green.........	91,394	9.4	.0	.0	.0	.0	24.0	15.4	10.0
Travis............	469,459	9.5	2.6	.2	.2	.1	21.9	13.4	11.8
Trinity...........	10,511	6.0	2.3	.0	.0	.0	31.3	11.0	12.3
Tyler.............	17,107	4.6	.0	1.3	.0	.0	18.6	9.4	6.9
Upshur............	30,890	5.9	1.5	.0	.2	.0	28.9	8.4	11.7
Upton.............	5,119	3.9	.0	.0	.0	.0	41.9	16.4	23.2
Uvalde............	23,531	5.2	1.0	.0	.0	.0	27.6	8.5	9.7
Val Verde.........	38,023	11.7	.5	.0	.7	.0	15.1	6.4	5.8

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Nacogdoches	9.1	4.7	1.3	0.0	0.0	14.7	28.8	41.3	77	73	41	80
Navarro	10.3	3.8	1.9	.8	.7	15.3	25.7	36.1	64	123	44	71
Newton	9.6	.0	.0	.0	.0	9.6	23.2	34.2	56	157	13	186
Nolan	9.3	1.0	.9	.0	1.3	12.5	23.9	34.6	58	148	29	117
Nueces	16.1	7.8	.4	.1	8.6	31.7	28.3	41.8	77	74	91	5
Ochiltree	1.3	4.6	2.6	.0	.0	8.4	26.0	34.3	62	134	9	203
Oldham	21.0	.0	.0	.0	.0	21.0	21.0	36.3	56	159	70	24
Orange	9.0	2.7	.2	.4	.5	12.2	25.6	36.2	64	122	27	129
Palo Pinto	12.9	4.5	1.0	.0	.9	19.2	30.9	45.1	83	53	63	38
Panola	8.9	1.1	2.0	.0	.0	12.8	30.6	43.0	81	60	30	114
Parker	7.6	1.9	.4	.0	.0	9.5	23.6	33.8	56	155	13	187
Parmer	2.5	.0	.0	.0	.0	4.6	22.3	30.3	45	188	2	233
Pecos	14.3	.0	1.3	.0	.0	15.6	35.1	49.9	90	27	46	65
Polk	8.3	.5	3.0	.3	1.0	13.0	29.9	41.9	79	68	31	111
Potter	14.3	2.9	.6	.2	.6	18.0	29.5	44.7	82	57	59	44
Presidio	17.9	4.4	.0	.0	.0	25.6	39.3	57.6	95	12	83	14
Rains	16.3	.0	4.8	.0	.0	21.1	39.4	57.1	95	13	71	23
Randall	9.5	1.6	1.0	.0	.5	12.5	15.5	23.4	14	240	29	118
Reagan	12.1	.0	.0	.0	.0	12.1	28.4	39.5	74	84	27	131
Real	.0	.0	.0	.0	.0	.0	22.9	28.9	43	194	...	...
Red River	6.8	1.9	.0	.0	.0	8.7	32.5	45.0	85	45	10	196
Reeves	21.5	6.0	.0	.0	1.6	27.6	32.3	49.6	88	34	86	10
Refugio	7.2	5.9	.0	1.2	.0	11.6	30.0	42.0	79	67	23	147
Roberts	12.0	.0	.0	.0	.0	12.0	24.1	35.6	60	137	25	135
Robertson	7.9	3.2	.0	.0	.0	11.1	28.6	37.5	71	95	20	162
Rockwall	9.5	.0	1.5	.0	.0	11.0	20.8	31.4	44	191	20	163
Runnels	6.9	.7	.0	.0	.0	7.6	22.4	31.1	47	182	7	210
Rusk	6.7	1.5	.0	.6	.5	8.4	29.4	40.6	77	75	9	204
Sabine	10.4	.8	.0	1.2	.0	12.4	38.0	54.0	94	16	28	123
San Augustine	8.6	.0	.0	.0	.0	8.6	29.2	41.0	77	72	10	199
San Jacinto	15.4	1.9	2.0	.0	.0	19.2	37.7	53.1	93	17	63	37
San Patricio	14.1	1.3	.0	.3	2.2	17.5	25.3	37.7	66	115	56	49
San Saba	6.9	.0	.0	.0	.0	6.9	24.1	34.2	58	150	5	220
Schleicher	4.5	.0	.0	.0	.0	4.5	11.4	16.3	2	248	2	234
Scurry	7.2	1.8	1.1	.0	1.2	11.2	24.1	33.4	57	153	21	156
Shackelford	8.2	5.4	.0	.0	.0	13.6	24.2	36.7	63	131	34	97
Shelby	8.4	2.0	.0	.2	1.1	11.7	30.6	42.8	81	61	24	142
Sherman	.0	.0	.0	.0	7.6	7.6	43.4	55.7	96	7	7	211
Smith	8.4	2.4	1.1	.0	.5	12.1	25.9	37.3	67	113	27	130
Somervell	8.6	6.1	.0	.0	.0	14.7	38.1	55.3	94	15	41	81
Starr	6.5	.0	.0	.0	.8	7.9	20.6	30.2	41	203	8	207
Stephens	14.2	2.3	.0	.0	.0	16.6	26.5	38.3	69	102	51	55
Sterling	11.9	.0	.0	.0	.0	11.9	.0	.0	...	...	25	138
Stonewall	11.9	.0	.0	.0	.0	11.9	19.0	32.1	42	200	25	137
Sutton	10.9	13.5	4.3	.0	.0	28.7	44.8	59.2	97	4	88	8
Swisher	8.2	1.7	1.2	.0	.0	11.1	23.0	32.1	51	171	21	160
Tarrant	14.6	3.0	.6	.1	.3	17.9	25.5	38.5	68	107	58	46
Taylor	9.5	3.1	.6	.3	.4	13.1	19.3	28.8	35	218	31	109
Terrell	36.4	8.4	.0	.0	.0	36.4	32.2	56.4	92	21	95	2
Terry	5.3	2.8	.0	1.2	.0	9.3	20.2	28.5	36	214	12	190
Throckmorton	6.3	.0	.0	.0	.0	6.3	32.7	46.0	86	44	4	224
Titus	8.8	2.2	1.2	1.2	.7	12.2	35.2	48.1	89	29	27	124
Tom Green	13.4	1.3	.0	.0	.5	15.5	21.7	33.7	52	168	45	69
Travis	13.6	4.9	.5	.2	.2	19.3	24.5	36.3	62	132	64	34
Trinity	10.6	3.1	.0	.0	.0	12.9	25.9	36.5	65	118	31	113
Tyler	4.6	1.3	1.3	1.4	.0	8.6	16.1	23.4	15	238	10	197
Upshur	7.2	2.3	.0	.2	.8	10.6	23.5	33.2	55	163	17	171
Upton	7.8	.0	.0	.0	.0	7.8	33.4	46.9	87	40	8	209
Uvalde	6.9	2.5	.0	.0	.0	7.9	21.0	29.9	42	201	8	206
Val Verde	15.2	1.9	.5	.7	.0	17.6	16.4	26.4	23	232	57	47

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Van Zandt	34,152	4.1	0.0	0.0	0.4	0.0	47.1	18.3	9.4
Victoria	72,312	9.9	.9	.0	.0	.0	29.1	10.7	8.5
Walker	46,718	7.9	.4	.0	.0	.0	22.7	7.9	7.2
Waller	21,632	11.1	.0	.0	.0	.7	37.2	9.2	19.5
Ward	14,896	6.7	.0	.0	.0	.0	45.2	24.6	12.7
Washington	23,910	4.1	.0	.0	.0	.0	33.5	13.8	9.0
Webb	109,647	16.1	.9	.3	.0	.0	12.6	7.3	11.3
Wharton	40,664	4.1	.0	.0	.0	.0	34.5	5.4	9.5
Wheeler	7,357	10.2	.0	.0	.0	.0	61.5	.7	3.5
Wichita	124,304	10.4	1.3	.5	.2	.0	22.5	11.2	10.1
Wilbarger	16,460	3.1	.0	.0	.0	.0	20.4	14.8	11.2
Willacy	18,310	9.0	.0	1.1	.0	.0	25.8	3.6	7.4
Williamson	89,963	6.1	.5	.0	.0	.0	29.9	12.1	4.1
Wilson	17,542	4.8	.0	.0	.0	.0	38.9	9.9	8.7
Winkler	10,481	8.4	.0	.0	.0	.0	37.9	24.1	14.6
Wise	29,097	4.1	.0	.0	.0	.4	41.1	12.5	5.0
Wood	26,117	7.5	.0	1.0	.0	.0	38.8	13.9	9.2
Yoakum	8,901	4.8	2.2	.0	.0	.0	44.7	9.8	4.3
Young	19,527	5.3	1.8	.0	.8	.0	33.9	10.7	3.7
Zapata	7,494	12.8	.0	.0	.0	.0	60.1	.0	11.0
Zavala	11,932	15.7	.0	.0	.0	.0	33.6	9.8	13.8
Utah	1,551,871	7.8	1.4	.4	.2	.1	21.6	14.5	3.5
Beaver	4,746	5.9	.0	.0	.0	.0	43.4	20.6	.0
Box Elder	34,811	6.8	1.3	.0	.0	.0	24.6	12.1	3.7
Cache	61,149	7.4	1.5	.0	.0	.0	13.1	12.5	.7
Carbon	23,031	8.8	2.7	.0	.0	.0	26.7	20.0	4.9
Daggett	796	.0	.0	.0	.0	.0	27.6	.0	.0
Davis	160,253	5.6	.6	.1	.0	.0	16.2	10.1	2.0
Duchesne	14,171	10.6	.0	.0	1.3	.0	34.3	28.2	4.2
Emery	12,094	7.7	.0	.0	.0	.0	28.6	16.7	6.7
Garfield	3,886	.0	7.3	.0	.0	.0	39.2	31.2	7.3
Grand	7,917	7.5	2.8	.0	.0	.0	60.9	12.9	9.1
Iron	18,479	7.8	2.6	.0	.0	.0	24.3	15.5	3.1
Juab	5,764	21.2	4.8	.0	.0	.0	36.2	3.8	.0
Kane	4,340	6.2	7.0	.0	.0	.0	28.1	16.8	.0
Millard	11,389	4.6	.0	.0	.0	.0	33.0	12.6	2.3
Morgan	5,021	4.1	.0	.0	.0	.0	25.8	14.5	.0
Piute	1,388	11.4	.0	.0	.0	.0	5.7	26.8	.0
Rich	2,279	.0	.0	.0	.0	.0	28.6	.0	.0
Salt Lake	654,147	9.2	1.2	.4	.2	.1	19.5	16.2	4.2
San Juan	11,910	14.3	6.9	9.7	.0	.0	65.5	18.2	7.1
Sanpete	15,658	7.6	1.4	.0	.0	.0	35.1	15.5	.0
Sevier	15,285	7.6	.0	1.8	.0	.0	23.7	15.6	.0
Summit	11,265	5.3	.0	.0	.0	.0	32.0	19.3	4.3
Tooele	27,691	8.8	1.7	.7	.0	1.6	37.6	26.7	3.1
Uintah	23,472	26.3	7.0	1.1	1.3	.0	52.2	23.2	10.0
Utah	228,626	2.8	.9	.1	.1	.0	19.3	10.0	2.1
Wasatch	9,108	3.8	.0	3.5	.0	.0	32.7	11.4	.0
Washington	29,834	3.8	.6	.0	.0	.0	28.6	12.3	2.4
Wayne	2,027	5.7	.0	.0	.0	.0	19.9	.0	12.3
Weber	151,335	8.5	2.4	.3	.3	.0	22.8	14.6	5.3
Vermont	521,703	9.5	1.6	.2	.3	.2	22.1	14.3	2.5
Addison	30,262	7.7	.0	.0	.0	.0	27.0	11.6	1.3
Bennington	34,171	10.6	3.8	.0	.5	.4	28.4	16.2	2.9
Caledonia	26,092	8.8	.8	.9	.3	.0	18.2	17.8	3.0
Chittenden	118,338	10.4	.7	.2	.0	.6	12.9	12.5	2.0

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Van Zandt.........	7.3	0.4	1.1	0.6	0.7	9.7	30.0	42.1	79	66	13	185
Victoria..........	13.2	2.4	.3	.3	.0	15.5	23.3	35.1	58	149	46	67
Walker............	8.9	.4	.0	.0	.0	9.3	18.1	27.5	29	225	12	192
Waller............	16.3	1.5	.0	.0	.7	18.5	31.9	46.8	86	43	60	43
Ward..............	8.1	1.7	.0	.0	.0	11.2	32.6	47.5	87	41	21	158
Washington........	4.2	1.0	.0	.0	.0	5.3	22.7	32.5	52	169	2	231
Webb..............	24.0	1.5	1.9	.0	.4	27.3	19.9	33.1	46	185	86	12
Wharton...........	8.4	.3	.7	.6	.7	9.7	21.7	30.3	44	193	14	184
Wheeler...........	11.4	.0	3.5	.0	.0	14.9	31.8	44.7	84	51	42	75
Wichita...........	14.7	4.5	1.0	.2	.5	19.8	22.7	34.4	56	162	66	32
Wilbarger.........	4.5	.0	.9	.0	.0	5.4	18.0	26.4	26	228	2	230
Willacy...........	12.4	.9	1.1	.0	1.1	13.5	19.8	29.4	38	210	34	100
Williamson........	8.7	1.4	.3	.0	.7	11.4	19.9	29.3	38	211	22	152
Wilson............	7.0	3.4	.0	.0	.0	10.4	24.4	34.4	59	144	16	173
Winkler...........	9.5	2.0	.0	.0	.0	11.6	31.1	46.4	85	46	23	145
Wise..............	6.0	.0	.0	.0	.4	7.1	24.2	33.9	58	152	6	216
Wood..............	9.6	2.9	1.9	.0	.0	13.8	27.4	39.7	73	87	35	93
Yoakum............	7.0	2.2	.0	.0	.0	7.0	26.9	36.8	68	110	6	218
Young.............	6.9	3.1	.0	2.1	.0	11.9	22.9	32.0	51	173	25	139
Zapata............	17.0	1.8	.0	.0	.0	17.0	35.7	51.0	91	23	53	53
Zavala............	23.9	.0	.0	.0	.0	23.9	29.0	45.2	82	58	79	17
Utah................	11.5	3.7	.7	.2	.4	15.9	18.8	28.4	-	-	-	-
Beaver............	11.7	.0	1.6	.0	.0	13.3	24.8	36.2	63	8	32	16
Box Elder.........	9.2	3.6	.6	.0	.0	12.6	18.6	27.6	30	19	29	17
Cache.............	9.3	2.1	.8	.2	.5	12.3	12.9	20.6	5	25	28	19
Carbon............	12.3	4.8	1.7	.0	.0	18.1	23.8	35.7	60	9	59	11
Daggett...........	43.2	.0	.0	.0	.0	43.2	11.6	14.6	1	29	97	2
Davis.............	8.3	2.5	.1	.0	.0	10.8	12.8	19.6	5	26	18	23
Duchesne..........	13.2	8.9	.0	3.3	.0	25.4	27.7	42.7	77	7	83	5
Emery.............	15.5	2.0	.0	.0	.0	17.4	21.6	32.9	50	12	56	12
Garfield..........	.0	11.3	.0	.0	.0	11.3	33.5	44.3	85	4	22	22
Grand.............	11.9	2.8	.0	.0	.0	14.7	38.3	52.8	93	3	40	15
Iron..............	11.5	4.7	.0	.0	.0	15.2	20.6	30.6	42	15	43	14
Juab..............	21.2	4.8	.0	.0	.0	26.0	29.5	45.5	82	5	84	4
Kane..............	6.2	7.0	.0	.0	3.7	16.9	24.7	34.0	59	10	53	13
Millard...........	4.6	1.8	2.8	.0	.0	9.3	19.3	28.0	33	18	12	24
Morgan............	8.3	.0	.0	.0	.0	8.3	15.4	23.0	13	23	9	25
Piute.............	11.4	.0	.0	.0	.0	11.4	12.4	23.7	9	24	22	21
Rich..............	.0	.0	.0	.0	.0	.0	12.0	15.1	1	28	...	...
Salt Lake.........	13.5	3.9	.7	.3	.6	18.3	19.1	29.6	36	17	60	9
San Juan..........	21.4	6.9	9.7	.0	1.8	39.7	57.0	76.2	98	1	96	3
Sanpete...........	14.4	6.0	.0	.0	.0	20.4	22.4	33.0	52	11	68	6
Sevier............	12.0	5.5	2.7	.0	.0	18.2	17.9	27.3	28	20	59	10
Summit............	9.9	2.6	.0	.0	.0	12.5	21.5	31.9	47	13	29	18
Tooele............	13.1	2.6	2.3	.0	2.4	18.8	30.2	44.2	82	6	62	8
Uintah............	34.2	10.7	2.8	1.3	.0	45.3	51.4	77.0	98	2	98	1
Utah..............	5.4	1.9	.1	.1	.0	7.6	13.3	19.0	4	27	7	26
Wasatch...........	8.1	.0	3.5	.0	.0	11.5	21.0	28.6	39	16	23	20
Washington........	3.8	.6	.6	.0	.0	5.0	17.8	25.5	24	21	2	28
Wayne.............	5.7	.0	.0	.0	.0	5.7	16.5	23.8	17	22	3	27
Weber.............	12.9	5.5	.7	.5	.3	18.9	21.4	31.9	47	14	62	7
Vermont.............	14.6	6.2	3.4	.5	.6	24.5	19.5	29.9	-	-	-	-
Addison...........	10.1	3.7	5.4	.0	.0	19.2	17.4	26.8	26	12	63	11
Bennington........	15.3	5.4	3.3	.5	.4	24.3	25.5	37.6	67	2	80	7
Caledonia.........	11.9	3.4	2.6	1.0	.0	18.9	18.2	28.5	31	10	62	13
Chittenden........	16.1	6.3	2.8	.4	1.1	25.2	14.7	24.2	14	14	82	5

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Essex	6,365	1.9	0.0	0.0	0.0	0.0	38.8	17.1	5.8
Franklin	35,641	11.0	3.2	.0	.0	.0	28.2	6.1	3.4
Grand Isle	4,819	13.1	.0	.0	.0	.0	26.3	10.9	2.8
Lamoille	17,360	12.9	.9	.0	.0	.0	39.1	23.8	5.9
Orange	23,342	4.9	1.9	.0	.0	.0	18.8	20.2	1.8
Orleans	23,781	12.8	1.2	.0	.0	.0	26.8	18.0	2.7
Rutland	58,642	8.5	3.0	.4	.2	.0	26.1	15.0	3.5
Washington	53,015	10.1	1.7	.0	.8	.0	17.6	14.2	.6
Windham	38,064	11.9	.3	.0	.9	.6	28.5	12.3	.9
Windsor	51,811	7.3	1.3	.5	.4	.4	25.2	15.9	4.1
Virginia	5,515,528	9.5	2.4	.3	.3	1.0	17.4	12.6	8.0
Accomack	31,178	9.4	4.1	1.1	1.3	.0	27.8	12.4	10.1
Albemarle	56,438	4.8	1.9	.0	.7	.4	18.7	12.1	7.0
Alleghany	14,042	7.7	1.4	.0	.0	.0	22.9	12.9	10.3
Amelia	8,337	4.2	5.2	.0	.0	2.8	30.5	13.2	11.6
Amherst	28,980	11.5	.0	.0	.0	.0	24.0	10.5	5.6
Appomattox	12,198	10.9	3.0	.0	1.3	.0	38.1	4.2	1.9
Arlington	155,029	12.6	.6	.1	.2	1.0	7.8	12.1	3.9
Augusta	53,806	7.9	1.1	.0	.0	.4	29.4	10.1	6.0
Bath	5,528	10.2	17.4	.0	.0	.0	27.2	16.0	.0
8edford	36,356	6.0	1.6	.0	.0	1.0	23.1	15.3	10.3
Bland	6,437	12.7	.0	.0	3.8	.0	15.8	14.1	6.0
8otetourt	23,635	6.8	2.1	.0	.0	1.5	23.1	15.8	4.7
Brunswick	16,000	7.6	7.5	.9	1.3	4.3	30.3	12.3	18.5
8uchanan	37,714	5.5	1.2	1.2	.0	1.1	34.5	13.1	11.5
8uckingham	12,013	2.5	2.2	.7	.0	5.6	26.0	12.0	7.9
Campbell	45,940	6.6	1.9	.9	.0	.8	18.2	17.6	6.3
Caroline	18,460	10.5	1.6	.0	.0	.0	36.2	12.6	10.2
Carroll	27,896	3.4	2.3	.8	.0	1.5	29.8	14.8	4.2
Charles City	6,683	5.4	.0	.0	.0	.0	28.8	13.6	16.9
Charlotte	12,056	6.9	3.6	.0	.0	.0	41.3	20.0	2.0
Chesterfield	151,153	7.9	1.6	.0	.2	.4	14.5	12.7	6.0
Clarke	10,039	11.9	2.8	.0	.0	.0	31.8	6.5	1.9
Craig	3,983	4.4	.0	.0	.0	.0	26.1	24.3	.0
Culpeper	23,101	7.3	.8	.0	.8	.0	30.2	11.1	5.4
Cumberland	7,834	10.9	.0	.0	.0	.0	35.1	20.8	15.5
Dickenson	20,077	7.6	.0	.4	.8	2.1	24.4	28.8	12.6
Dinwiddie	21,566	7.9	1.5	.0	.8	.6	33.7	12.8	9.0
Essex	8,875	5.4	.0	.0	.0	.0	28.3	5.4	13.4
Fairfax	639,177	7.3	.6	.1	.0	.3	12.0	11.4	2.5
Fauquier	37,692	10.0	2.5	.0	.0	.5	27.1	13.3	7.7
Floyd	11,639	14.6	10.1	3.0	.0	2.1	53.0	11.6	2.6
Fluvanna	10,382	10.1	.0	.0	2.0	.0	35.2	7.3	14.4
Franklin	36,367	10.0	2.6	.0	.6	1.2	29.3	16.7	4.9
Frederick	34,857	14.3	1.2	.0	.0	.5	16.4	13.9	2.7
Giles	17,787	11.7	3.6	1.2	.6	2.5	27.4	14.5	3.8
Gloucester	22,848	10.6	.8	.0	.0	.7	28.1	14.6	12.2
Goochland	12,142	6.0	1.2	.0	.0	1.5	39.1	10.0	6.7
Grayson	16,516	5.8	.9	.0	.0	.0	34.4	11.8	3.3
Greene	8,018	6.4	.0	.0	.0	2.2	32.8	14.5	.0
Greensville	10,856	14.0	.0	.0	.0	1.6	39.5	10.1	18.8
Halifax	30,205	7.3	3.2	.7	.5	1.6	27.6	15.5	10.8
Hanover	51,700	4.7	1.5	.0	.0	.3	25.0	15.0	4.2
Henrico	186,204	8.6	.9	.1	.3	1.3	13.5	13.5	5.3
Henry	56,976	8.0	5.6	.4	.3	2.4	29.4	18.2	14.8
Highland	2,866	26.6	8.7	.0	.0	.0	10.3	27.2	5.0
Isle of Wight	22,563	4.5	.9	.9	.9	.0	22.4	10.1	9.9
James City	24,070	6.4	.9	.0	.7	.0	13.9	13.7	2.5

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Essex	6.4	2.6	3.6	0.0	0.0	12.6	23.3	32.5	53	5	29	14
Franklin	14.4	6.2	2.1	.0	.0	22.0	22.4	33.0	52	6	74	9
Grand Isle	13.1	3.5	5.0	.0	.0	21.6	19.9	32.1	44	9	73	10
Lamoille	20.5	1.7	6.9	.0	1.1	30.2	30.1	46.4	84	1	90	3
Orange	10.3	4.1	3.9	.0	1.0	18.9	16.6	25.1	20	13	62	12
Orleans	15.6	6.4	6.0	1.0	1.1	30.9	22.6	36.0	58	3	91	2
Rutland	14.6	6.0	4.5	.2	.4	24.6	22.6	33.2	53	4	81	6
Washington	16.7	7.0	2.8	.8	.7	27.6	17.2	27.1	26	11	87	4
Windham	17.1	12.7	1.8	1.6	.6	32.3	21.6	33.4	51	7	92	1
Windsor	12.4	6.8	3.7	.4	.5	22.5	21.2	31.4	45	8	76	8
Virginia	13.4	7.1	1.2	.5	1.5	22.6	21.5	32.1	-	-	-	-
Accomack	13.4	9.6	3.2	2.0	1.2	28.0	29.2	41.2	77	40	87	41
Albemarle	6.0	9.9	2.2	.7	.4	17.8	18.6	26.5	28	116	57	94
Alleghany	12.1	8.3	.0	.0	.0	22.0	21.6	32.2	48	91	74	67
Amelia	10.8	8.4	.0	.0	2.8	19.2	30.6	40.5	78	38	63	84
Amherst	13.9	4.9	.7	.0	.0	19.4	19.5	31.1	41	98	64	83
Appomattox	14.1	13.6	1.9	2.6	.0	25.9	26.5	37.6	68	59	84	49
Arlington	16.3	2.0	.1	.5	1.4	19.6	14.6	24.9	15	129	65	79
Augusta	10.4	5.5	.4	.6	.8	16.4	21.9	32.2	49	87	50	103
Bath	14.9	33.4	4.0	1.3	.0	53.6	36.3	47.5	90	16	99	1
Bedford	9.4	4.3	.5	1.2	2.0	16.3	22.6	32.8	52	82	49	106
Bland	12.7	.0	.0	3.8	.0	16.5	21.3	33.3	50	85	51	100
Botetourt	8.8	4.1	1.7	.0	1.5	16.2	21.4	31.1	45	94	49	109
Brunswick	9.9	15.7	3.7	1.3	4.3	30.6	41.0	53.6	95	5	90	32
Buchanan	9.7	3.1	2.3	.0	3.3	17.8	28.3	39.2	73	47	58	93
Buckingham	3.8	6.0	.7	.0	5.6	12.3	26.6	34.2	63	71	28	126
Campbell	9.6	4.5	2.2	.0	.8	16.3	20.3	30.0	40	99	49	105
Caroline	12.8	9.0	4.5	.0	.0	26.3	28.4	41.9	77	42	85	47
Carroll	4.0	3.8	2.1	.3	2.3	12.1	23.4	31.8	52	84	26	129
Charles City	10.8	.0	2.8	.0	.0	13.6	24.9	36.2	63	68	34	123
Charlotte	12.1	9.4	1.6	.0	.9	22.9	28.7	40.7	76	44	77	61
Chesterfield	11.8	4.0	.4	.2	.5	16.1	16.8	25.8	22	124	48	111
Clarke	20.3	13.0	.0	.0	.0	29.0	23.2	34.6	57	78	89	36
Craig	16.3	.0	.0	.0	.0	16.3	17.6	27.0	27	117	49	108
Culpeper	10.5	5.7	2.6	1.3	.9	19.7	22.0	32.1	49	88	65	77
Cumberland	12.4	5.2	2.1	.0	.0	19.6	30.7	46.6	85	27	65	78
Dickenson	11.3	5.2	1.6	.8	4.2	20.1	28.4	42.2	77	39	67	74
Dinwiddie	11.0	6.4	2.3	1.7	.6	19.8	27.1	38.8	71	53	65	76
Essex	8.1	5.1	2.8	.0	.0	15.9	21.5	30.7	44	96	47	113
Fairfax	11.0	1.6	.2	.1	.5	13.3	12.5	20.1	5	133	32	125
Fauquier	13.9	6.0	1.1	.0	.9	21.4	24.8	36.7	64	66	72	68
Floyd	14.6	13.2	4.7	.0	2.1	33.4	47.1	63.2	97	1	93	23
Fluvanna	14.6	5.9	4.2	2.0	1.6	28.3	29.2	42.2	78	37	88	37
Franklin	12.0	6.7	1.1	.9	1.2	20.9	26.4	38.7	70	56	70	72
Frederick	21.4	3.4	.6	.0	.5	25.4	18.5	30.9	38	102	83	51
Giles	15.6	12.6	6.2	.6	3.7	36.3	28.9	41.3	77	43	95	18
Gloucester	15.3	4.5	1.6	.0	2.2	23.0	26.3	39.7	71	52	77	60
Goochland	12.2	6.5	.0	1.2	1.5	17.2	26.7	37.0	68	60	55	95
Grayson	7.1	8.9	1.4	.0	.0	16.5	21.6	31.1	45	92	50	102
Greene	8.4	4.8	4.7	.0	4.4	22.3	21.5	31.1	45	93	75	65
Greensville	22.2	5.9	.0	.0	1.6	29.7	34.8	51.6	91	12	89	34
Halifax	8.5	8.8	2.1	.5	3.2	21.0	28.8	40.2	75	45	71	70
Hanover	8.6	4.8	.4	.0	1.4	13.8	19.2	27.7	32	110	35	122
Henrico	12.9	4.5	.8	.4	1.5	19.0	17.0	26.3	23	122	62	87
Henry	10.2	9.0	.7	.7	3.8	22.8	34.9	48.1	89	19	76	63
Highland	29.1	12.1	8.7	.0	.0	49.9	31.7	52.7	90	13	98	4
Isle of Wight	7.1	2.5	3.4	.9	.0	13.3	20.7	29.0	39	101	33	124
James City	11.8	5.8	.7	.7	.0	18.2	13.9	21.6	8	132	59	90

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
King And Queen....	6,048	6.9	0.0	0.0	0.0	0.0	37.5	9.6	9.3
King George.......	10,857	9.7	.0	.0	.0	.0	31.5	18.1	5.3
King William......	9,611	8.7	.0	.0	.0	.0	26.2	4.2	4.7
Lancaster.........	10,504	5.9	.0	1.0	.0	2.7	22.7	23.1	15.5
Lee...............	26,379	8.9	1.6	.0	.0	5.4	26.1	16.4	12.1
Loudoun...........	60,218	7.5	.8	.4	.0	.0	24.5	9.4	2.9
Louisa............	18,451	7.4	1.3	.0	1.3	1.3	46.2	21.2	17.9
Lunenburg.........	12,158	2.0	.0	.9	2.0	.0	32.2	7.2	8.1
Madison...........	10,385	3.9	4.2	.0	.0	1.3	42.2	17.6	15.5
Mathews...........	8,319	4.3	.0	.0	.0	2.7	24.3	14.6	4.1
Mecklenburg.......	29,659	8.9	2.4	.0	1.3	.8	21.3	11.1	12.8
Middlesex.........	7,972	6.3	1.5	.0	.0	.0	20.4	15.9	8.1
Montgomery........	64,379	5.3	2.1	.0	.9	.5	15.9	11.8	6.5
Nelson............	12,329	14.4	2.5	1.8	1.7	.0	31.0	10.5	11.0
New Kent..........	9,294	7.7	4.3	.0	2.0	.0	33.1	22.2	9.8
Northampton.......	14,498	7.9	3.7	3.5	.0	.8	24.9	12.2	17.4
Northumberland....	9,865	3.7	2.2	.0	.0	.7	17.7	10.8	7.3
Nottoway..........	14,582	8.6	2.6	.0	.0	.9	36.6	14.0	12.8
Orange............	18,556	10.3	3.3	1.2	1.2	.0	26.6	12.4	12.5
Page..............	19,544	16.5	3.1	1.1	.0	.0	15.9	15.0	5.7
Patrick...........	17,639	12.6	2.9	2.1	.0	2.1	37.6	21.6	1.3
Pittsylvania......	66,318	9.2	2.2	.6	.3	1.5	30.4	12.0	7.2
Powhatan..........	13,173	7.3	5.8	3.1	.0	3.2	17.1	12.4	2.7
Prince Edward.....	16,733	11.9	.0	.0	1.6	.7	21.7	7.4	7.7
Prince George.....	25,885	8.7	.0	.0	.0	.8	19.6	14.1	8.1
Prince William....	180,084	10.1	1.3	.1	.0	.1	19.0	11.6	3.4
Pulaski...........	35,185	4.8	1.3	.0	.0	2.8	20.6	13.4	4.9
Rappahannock......	6,091	1.9	3.6	.0	.0	.0	31.0	23.3	.0
Richmond..........	6,931	5.3	.0	.0	.0	.0	26.6	22.8	.0
Roanoke...........	72,448	8.9	.5	.6	.0	.0	16.6	13.8	5.4
Rockbridge........	17,981	10.1	.7	.0	.0	.7	28.6	18.0	8.1
Rockingham........	57,863	7.1	1.5	.4	.0	.4	21.1	8.4	2.3
Russell...........	32,182	9.2	1.3	1.2	.7	1.3	24.8	20.4	9.4
Scott.............	25,417	6.5	1.9	.0	.0	1.6	22.2	23.2	7.1
Shenandoah........	27,757	8.3	.8	.0	.0	1.2	24.9	6.6	2.4
Smyth.............	33,408	7.7	1.6	.7	.0	1.7	19.5	21.5	8.4
Southampton.......	18,618	2.8	.8	.0	.0	1.3	28.1	4.7	7.6
Spotsylvania......	36,518	6.3	3.2	1.6	.6	.0	30.3	13.3	3.7
Stafford..........	44,360	5.9	1.5	.0	.6	2.3	21.0	13.4	5.3
Surry.............	6,130	1.4	.0	.0	.0	4.1	62.7	24.7	7.0
Sussex............	10,549	11.6	.0	.0	.0	4.3	30.5	11.1	6.3
Tazewell..........	51,103	11.8	1.1	.7	.0	2.1	24.7	16.8	4.9
Warren............	21,836	13.5	1.0	.0	.0	.0	24.0	11.4	6.0
Washington........	46,653	7.1	.6	.0	.0	.4	17.6	17.5	4.3
Westmoreland......	14,096	8.7	1.6	.0	.0	1.6	30.8	18.9	10.8
Wise..............	44,617	9.4	2.2	.0	.4	1.5	20.2	14.8	8.1
Wythe.............	25,516	10.9	3.6	.0	1.3	.0	24.0	11.2	11.2
York..............	46,663	6.1	.5	.3	.0	.0	14.3	10.1	6.5
Alexandria City...	106,257	18.7	1.4	.5	.2	.3	9.6	11.0	8.1
Bedford City......	6,101	13.5	8.9	.0	.0	4.5	23.0	27.5	9.8
Bristol City......	18,628	16.4	2.4	.0	.7	3.7	17.6	8.2	4.4
Buena Vista City..	6,560	17.1	3.5	.0	.0	.0	37.2	18.1	17.2
Charlottesville City..........	41,138	18.2	5.8	2.2	.0	3.9	14.5	10.4	11.9
Chesapeake City...	121,538	7.1	1.8	.0	.2	.3	13.7	10.5	7.1
Clifton Forge City	4,988	16.4	2.4	.0	.0	.0	12.8	10.9	.0
Colonial Heights City..........	16,924	10.2	.9	.0	.0	2.2	14.0	10.2	2.0
Covington City....	8,355	9.1	4.6	.0	.0	.0	22.1	11.7	9.0

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
King And Queen	6.9	3.3	3.7	0.0	3.7	13.9	24.9	36.0	63	69	36	121
King George	13.6	1.6	1.8	.0	.0	16.9	23.3	36.0	60	75	53	97
King William	12.2	3.1	1.9	.0	1.9	19.0	17.6	26.8	26	119	63	86
Lancaster	8.3	6.9	2.0	1.0	6.4	22.9	27.6	39.8	73	48	76	62
Lee	12.8	2.9	1.8	.0	9.0	24.6	30.6	43.1	81	33	81	53
Loudoun	11.5	3.5	1.1	.0	.0	16.0	17.8	26.7	26	118	48	112
Louisa	13.4	10.5	5.8	2.1	2.1	32.0	38.8	54.5	94	7	92	29
Lunenburg	7.8	6.9	2.8	3.0	.0	14.6	22.4	29.7	44	97	40	118
Madison	3.9	6.6	1.3	.0	1.3	12.2	35.7	48.1	90	15	27	128
Mathews	6.8	5.9	.0	.0	2.7	15.4	19.5	27.7	33	108	45	115
Mecklenburg	12.9	10.9	1.5	1.7	2.2	27.1	25.2	36.4	64	65	86	44
Middlesex	6.6	8.5	1.0	.0	.0	16.1	19.6	29.3	37	105	48	110
Montgomery	9.7	8.2	.7	1.3	.5	19.5	17.8	25.5	24	121	64	80
Nelson	19.4	15.0	1.8	1.7	.0	33.5	32.2	47.0	86	23	93	21
New Kent	7.7	5.9	.0	2.0	.0	15.5	32.4	45.6	85	26	45	114
Northampton	8.5	9.8	4.8	.5	2.8	26.4	32.3	44.3	84	28	85	46
Northumberland	4.4	4.9	1.0	.0	.7	11.1	17.5	24.5	21	125	20	131
Nottoway	13.4	11.0	.9	.0	.9	26.2	31.2	44.5	83	30	84	48
Orange	14.1	14.6	3.8	1.2	1.2	32.3	29.4	42.2	78	36	92	28
Page	23.1	9.0	1.1	.0	1.1	33.2	23.3	37.5	63	70	93	24
Patrick	17.7	8.0	2.1	.0	2.1	28.2	32.9	47.7	87	21	88	39
Pittsylvania	11.7	5.5	1.9	.6	1.5	20.6	27.0	38.5	70	54	69	73
Powhatan	7.3	10.5	5.8	.0	3.2	25.3	26.1	34.5	62	72	82	52
Prince Edward	13.8	3.3	1.6	1.8	2.8	21.0	21.3	32.7	48	89	70	71
Prince George	10.1	2.8	1.2	.0	.8	14.1	19.2	29.8	37	104	37	119
Prince William	13.4	4.3	.1	.1	.2	18.0	17.6	27.7	28	115	58	91
Pulaski	9.2	8.0	3.9	.4	2.8	23.6	19.8	27.8	34	106	79	57
Rappahannock	7.2	3.6	.0	.0	.0	10.7	22.0	30.4	44	95	18	133
Richmond	18.2	3.9	.0	.0	.0	22.1	17.9	27.6	29	114	74	66
Roanoke	11.1	3.1	1.0	.2	.2	15.2	17.0	26.9	25	120	44	116
Rockbridge	12.0	9.1	.0	.0	2.0	19.1	25.1	38.1	67	61	63	85
Rockingham	8.9	3.9	.8	.0	.4	13.9	16.8	24.8	19	126	36	120
Russell	10.6	5.5	1.6	.7	1.3	18.3	27.1	39.8	72	50	60	89
Scott	9.3	6.3	.0	.0	3.0	16.5	23.5	34.6	57	77	50	101
Shenandoah	10.3	4.0	.7	.0	1.2	16.3	18.4	27.2	29	113	49	107
Smyth	11.4	7.6	1.8	.0	2.3	21.2	23.6	35.0	58	76	71	69
Southampton	5.6	4.3	1.2	.0	1.3	12.3	19.5	26.2	29	111	28	127
Spotsylvania	9.8	4.4	2.2	.6	.4	16.9	25.1	34.7	61	73	53	98
Stafford	8.7	8.1	.0	.6	2.3	16.7	20.7	29.4	40	100	52	99
Surry	3.2	.0	.0	.0	7.5	10.7	39.2	52.2	94	10	18	132
Sussex	20.4	7.6	.0	.0	4.3	30.4	27.1	39.7	72	49	90	33
Tazewell	19.0	3.5	1.1	1.2	2.5	25.7	24.8	37.6	65	62	83	50
Warren	14.8	4.3	.7	.0	.0	18.6	21.7	34.6	54	81	60	88
Washington	7.7	3.3	.5	.0	.4	11.6	16.9	26.3	23	123	23	130
Westmoreland	17.4	7.7	.0	.0	1.6	24.2	28.6	41.8	77	41	80	55
Wise	13.6	8.9	2.5	.4	2.9	28.3	23.2	34.4	57	79	88	38
Wythe	13.8	10.5	.0	1.3	.0	24.3	27.0	39.4	72	51	80	54
York	9.6	3.8	1.5	.0	.0	14.8	14.4	22.1	9	131	41	117
Alexandria City	26.0	5.3	.8	.6	.6	32.8	20.1	34.5	50	86	92	25
Bedford City	15.5	18.3	.0	.0	4.5	38.2	38.7	54.9	94	6	96	14
Bristol City	17.8	4.5	.5	.7	5.0	27.8	24.6	37.6	65	63	87	43
Buena Vista City	28.1	7.1	.0	.0	3.5	38.7	37.9	57.2	95	4	96	11
Charlottesville City	21.9	21.2	4.0	.0	5.4	49.4	33.2	48.4	88	20	98	6
Chesapeake City	11.9	6.7	.7	.2	.9	19.5	16.5	24.8	19	128	64	82
Clifton Forge City	23.6	16.3	.0	.0	.0	35.2	16.7	28.8	29	112	94	20
Colonial Heights City	12.4	4.8	1.3	.0	2.2	19.8	16.1	25.2	19	127	66	75
Covington City	12.4	10.2	.0	.0	.0	22.5	24.2	35.1	60	74	76	64

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Danville City.....	45,096	16.0	6.5	0.3	1.3	1.6	17.4	11.4	14.6
Emporia City......	4,713	4.7	.0	.0	4.9	6.7	42.9	4.7	17.0
Fairfax City......	19,721	12.7	.0	.0	.0	.0	24.5	21.8	3.9
Falls Church City.	10,280	22.8	.0	.0	.0	.0	20.8	24.4	17.5
Franklin City.....	7,249	7.2	3.2	.0	.0	.0	36.8	7.0	8.9
Fredericksburg City..........	15,955	11.3	7.1	.0	.0	.9	18.0	7.6	13.9
Galax City........	6,483	5.1	5.9	2.0	.0	11.5	18.1	24.7	5.9
Hampton City......	124,833	8.9	2.8	.4	.2	.4	11.6	12.2	8.7
Harrisonburg City.	20,387	7.5	5.7	.0	1.1	1.2	9.1	14.2	5.8
Hopewell City.....	23,897	18.3	5.3	.0	.0	.0	23.3	14.0	7.0
Lexington City....	7,098	14.9	22.8	.0	.0	.0	6.1	4.8	.0
Lynchburg City....	67,413	13.7	4.5	.0	.3	.9	14.6	13.3	12.2
Martinsville City.	18,454	18.7	7.5	1.1	1.9	2.3	23.3	17.6	23.2
Newport News City.	151,838	9.6	3.8	.7	.1	.1	13.2	10.4	11.7
Norfolk City......	275,178	11.7	6.1	1.0	.5	1.1	10.4	10.2	14.3
Norton City.......	4,667	18.4	5.5	5.5	4.4	.0	18.4	4.4	10.1
Petersburg City...	41,010	12.7	3.5	.0	2.0	2.4	14.6	9.9	17.5
Portsmouth City...	107,295	12.2	6.4	.5	.0	1.7	14.7	10.4	19.8
Radford City......	13,189	3.3	5.7	2.4	.0	1.6	11.5	13.5	4.1
Richmond City.....	219,316	17.1	4.3	.3	1.5	4.0	12.0	16.0	29.5
Roanoke City......	100,811	17.0	6.9	.1	.6	3.0	15.1	18.5	13.1
Salem City........	24,087	15.7	4.9	.9	.0	.6	24.0	22.1	7.8
South Boston City.	7,099	23.1	.0	.0	.0	1.8	18.4	17.5	10.3
Staunton City.....	21,897	13.4	5.4	.0	1.0	2.0	13.3	13.3	6.5
Suffolk City......	48,832	15.7	4.4	.8	.0	.5	28.9	7.0	12.6
Virginia Beach City..........	288,210	7.4	1.8	.6	.0	.1	12.1	11.6	4.8
Waynesboro City...	15,320	5.7	5.7	.0	.0	2.6	19.2	21.3	5.8
Williamsburg City.	10,534	13.8	14.1	.0	.0	.0	10.6	35.5	13.9
Winchester City...	20,594	11.8	1.8	.0	.0	1.4	18.8	15.4	5.7
Washington..........	4,245,567	9.7	2.0	.2	.2	.1	21.0	12.9	5.0
Adams............	13,571	3.5	2.6	.0	.0	.0	38.1	4.9	6.2
Asotin...........	17,000	13.3	1.4	.0	.0	.0	32.7	20.1	5.1
Benton...........	110,196	8.7	2.2	.2	.2	.0	22.9	15.7	4.0
Chelan...........	47,025	8.4	.5	.0	.0	.0	33.0	11.2	6.8
Clallam..........	51,661	11.0	2.3	.0	.2	.0	35.0	10.8	3.3
Clark............	198,128	7.0	2.9	.3	.3	.0	24.0	12.3	4.1
Columbia.........	4,061	18.3	.0	.0	.0	.0	40.3	9.0	11.6
Cowlitz..........	79,090	8.8	1.3	.0	.4	.2	21.6	13.6	4.1
Douglas..........	23,111	5.1	.0	.9	.0	.0	32.0	11.0	3.6
Ferry............	5,850	3.5	.0	.0	.0	.0	69.2	13.3	9.2
Franklin.........	35,717	8.6	3.9	.7	.0	.0	33.2	17.5	7.4
Garfield.........	2,514	8.3	.0	.0	.0	.0	57.8	.0	.0
Grant............	50,241	7.7	2.6	.0	.3	.0	29.2	9.9	5.3
Grays Harbor......	64,862	10.4	.8	.0	.5	.0	33.0	14.6	4.6
Island...........	45,701	7.0	3.1	.0	.5	.0	21.8	11.0	2.9
Jefferson........	16,662	10.6	1.7	.0	.0	.0	36.5	18.7	4.8
King.............	1,299,779	11.1	1.8	.2	.1	.1	16.4	12.8	5.9
Kitsap...........	156,745	7.8	2.1	.3	.2	.0	19.3	10.6	1.7
Kittitas.........	24,851	10.1	1.8	.0	.0	.0	26.6	13.5	1.0
Klickitat........	16,107	9.6	4.6	.7	.0	1.7	37.8	13.0	4.1
Lewis............	56,577	6.4	2.3	.0	.0	.0	29.9	11.6	4.0
Lincoln..........	9,590	8.6	1.0	.0	.0	.0	56.2	11.0	2.4
Mason............	33,098	7.1	2.6	.6	.0	.0	22.5	15.7	5.7
Okanogan.........	31,558	13.7	2.6	2.5	.0	.6	47.0	17.7	5.3
Pacific..........	17,418	7.9	3.3	.0	.4	.0	38.9	15.7	.0
Pend Oreille......	8,768	10.2	2.8	.0	2.0	.0	33.2	14.9	11.8

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Danville City	21.8	17.5	1.3	1.3	3.4	41.9	32.8	47.8	87	22	97	9
Emporia City	10.3	13.8	.0	4.9	6.7	29.1	40.5	51.5	94	9	89	35
Fairfax City	17.2	.0	.0	.0	.0	17.2	21.7	35.7	56	80	55	96
Falls Church City	26.1	4.1	.0	.0	3.8	32.5	31.2	52.9	90	14	92	26
Franklin City	11.2	5.2	.0	.0	.0	16.4	27.2	37.9	70	55	50	104
Fredericksburg City	18.0	16.9	2.0	.9	.9	37.9	28.3	40.0	74	46	96	16
Galax City	5.1	13.4	2.0	.0	15.4	32.3	36.8	46.7	89	18	92	27
Hampton City	12.7	6.5	.7	.2	.6	19.5	18.9	28.5	33	107	64	81
Harrisonburg City	8.6	12.5	.0	1.1	1.2	23.4	20.4	28.9	38	103	78	59
Hopewell City	22.0	12.5	2.9	1.0	.0	38.4	28.7	44.8	81	34	96	12
Lexington City	14.9	34.6	.0	.0	.0	49.5	32.5	42.0	82	31	98	5
Lynchburg City	18.4	11.3	.9	1.0	2.0	31.5	25.7	39.1	69	58	91	30
Martinsville City	23.4	20.2	2.4	1.9	3.7	50.1	44.7	64.3	97	2	98	3
Newport News City	12.4	11.9	1.7	.1	.6	26.4	21.8	32.2	48	90	85	45
Norfolk City	17.3	15.1	2.3	.7	1.9	35.2	26.7	38.4	70	57	94	19
Norton City	31.9	9.9	5.5	4.4	.0	47.3	36.3	50.7	92	11	98	7
Petersburg City	21.3	13.0	.3	2.3	3.7	38.3	29.4	42.6	79	35	96	13
Portsmouth City	17.4	10.0	2.1	.1	2.6	30.7	31.2	44.5	83	29	91	31
Radford City	4.9	17.0	2.4	.0	3.6	27.9	20.5	26.5	32	109	87	42
Richmond City	23.6	15.8	1.9	1.6	5.1	43.9	39.2	57.5	95	3	97	8
Roanoke City	21.4	13.2	.6	1.0	3.6	38.8	33.8	50.0	89	17	96	10
Salem City	17.1	8.3	1.8	.0	1.5	28.1	30.9	47.2	85	24	87	40
South Boston City	33.5	12.3	3.2	.0	5.2	50.8	27.4	46.6	81	32	98	2
Staunton City	17.6	15.8	1.5	1.0	3.6	37.2	25.1	37.1	65	64	95	17
Suffolk City	23.3	12.7	2.9	.0	.5	37.9	31.5	46.5	85	25	96	15
Virginia Beach City	12.2	4.2	1.0	.1	.7	17.9	15.2	23.3	13	130	58	92
Waynesboro City	11.5	7.3	3.3	.0	2.6	23.8	25.7	35.5	63	67	79	56
Williamsburg City	13.8	18.9	.7	.0	.0	33.5	37.8	54.9	94	8	93	22
Winchester City	16.9	5.3	.0	.0	1.4	23.6	21.6	33.6	52	83	79	58
Washington	14.4	5.6	.7	.3	.5	20.8	20.2	30.8	-	-	-	-
Adams	7.2	4.7	.0	.0	.0	9.7	23.9	31.8	53	18	14	37
Asotin	16.8	6.0	.0	.0	1.4	21.1	27.0	42.1	75	8	71	16
Benton	11.9	4.4	.5	.2	.0	16.6	20.8	31.4	44	24	51	30
Chelan	12.3	3.3	.5	.2	.0	15.0	23.2	34.5	57	17	43	32
Clallam	15.0	6.3	.3	.7	1.9	22.7	25.4	37.6	66	13	76	8
Clark	10.2	6.6	.4	.6	.5	17.5	20.9	30.1	42	27	56	27
Columbia	18.3	1.4	.0	.0	.0	19.7	31.7	49.6	88	3	65	20
Cowlitz	12.8	12.2	.0	.6	.4	23.8	19.3	29.4	36	32	79	4
Douglas	10.4	1.7	.9	.0	.0	12.4	20.3	29.1	38	30	28	34
Ferry	7.0	12.9	.0	.0	.0	19.8	37.5	50.8	92	2	66	19
Franklin	16.2	7.5	.7	.0	.0	22.5	29.1	41.6	78	7	75	10
Garfield	22.5	.0	.0	.0	.0	22.5	27.7	38.5	71	10	75	11
Grant	12.2	7.1	.0	.3	.0	18.8	22.9	32.8	53	19	61	21
Grays Harbor	18.3	2.8	.5	1.0	.7	21.8	24.5	37.0	64	14	74	13
Island	10.2	7.5	.5	.5	.4	17.0	19.2	27.7	32	34	53	29
Jefferson	14.0	8.5	.0	.0	.0	21.0	27.4	41.1	75	9	70	17
King	16.4	4.9	.4	.3	.5	22.1	19.0	30.0	37	31	75	12
Kitsap	12.7	4.2	.5	.4	.4	18.0	16.8	25.2	20	36	59	23
Kittitas	14.7	5.1	.0	.4	.0	20.2	20.3	31.2	43	25	67	18
Klickitat	15.4	7.5	1.9	.0	1.7	23.8	31.3	43.6	82	6	79	5
Lewis	10.1	6.8	.8	.0	.0	17.7	21.6	31.0	45	21	57	26
Lincoln	12.2	2.7	.0	.0	.0	13.9	31.5	44.6	84	5	36	33
Mason	10.4	3.6	1.4	.0	.7	16.0	21.3	31.3	45	22	48	31
Okanogan	17.0	6.7	6.9	.7	1.8	31.8	37.1	53.6	93	1	92	1
Pacific	12.6	7.4	.9	.4	.0	21.5	26.4	37.6	68	12	72	15
Pend Oreille	11.7	6.7	.0	2.0	.0	18.4	31.4	45.1	84	4	60	22

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Pierce	503,555	11.4	1.9	0.2	0.2	0.0	19.3	14.1	6.0
San Juan	8,327	5.4	.9	.0	.0	.0	17.6	15.2	9.2
Skagit	66,106	10.6	2.6	.9	.4	.7	25.6	12.5	5.4
Skamania	7,633	1.8	.0	.0	.0	.0	37.8	16.0	2.4
Snohomish	353,294	8.3	2.0	.3	.0	.0	21.5	11.9	3.7
Spokane	347,446	10.9	2.0	.1	.2	.1	18.4	14.2	4.5
Stevens	29,774	7.1	.4	.0	.0	.0	38.3	16.5	4.0
Thurston	132,198	7.6	2.8	.1	.0	.0	15.0	11.9	2.1
Wahkiakum	3,743	6.9	.0	.0	.0	.0	27.8	19.8	3.9
Walla Walla	47,702	9.7	2.3	.0	.0	.0	22.7	8.0	7.7
Whatcom	109,296	3.8	1.6	.4	.0	.2	20.1	9.9	2.6
Whitman	39,612	6.3	.0	.6	.0	.0	23.4	10.0	2.6
Yakima	176,995	10.9	2.6	.1	.2	.0	28.7	14.7	8.1
West Virginia	1,948,958	9.4	1.8	.6	.1	.1	24.8	11.9	6.4
Barbour	16,421	4.9	3.6	.0	.0	.0	31.1	10.3	1.2
Berkeley	48,667	10.7	.5	.0	.0	.0	36.8	14.5	4.8
Boone	30,561	5.5	.0	.5	.0	.0	47.4	20.7	9.0
Braxton	14,365	.7	1.1	1.8	1.5	.0	28.2	14.8	5.9
Brooke	30,148	4.5	1.4	.5	.5	.0	22.4	10.3	.0
Cabell	106,891	9.6	1.8	.0	.5	.3	19.2	13.2	7.0
Calhoun	8,394	9.1	1.2	3.1	.0	.0	21.3	9.6	.0
Clay	11,279	3.4	.0	1.8	.0	.0	33.2	12.6	9.0
Doddridge	7,478	.0	.0	.0	.0	.0	10.9	9.4	5.7
Fayette	57,356	11.1	1.8	.4	.4	.0	27.7	8.8	9.0
Gilmer	8,312	14.4	.0	2.0	.0	.0	20.3	10.6	.0
Grant	10,457	8.4	1.2	.0	.0	.0	47.2	10.8	6.2
Greenbrier	37,208	11.6	1.7	1.1	.4	.4	26.4	16.4	2.4
Hampshire	15,318	10.4	2.2	.0	.0	.0	35.8	14.8	1.3
Hancock	39,255	5.5	.7	.0	.0	.0	21.3	7.1	5.2
Hardy	10,217	15.4	1.5	.0	.0	.0	25.1	15.8	10.0
Harrison	77,547	9.4	1.5	.2	.0	.0	19.8	11.6	5.4
Jackson	25,840	5.0	1.0	.9	.0	.6	27.9	8.9	2.8
Jefferson	31,143	11.3	2.2	.0	.0	.0	44.2	14.8	4.8
Kanawha	229,518	13.4	2.6	1.2	.0	.0	22.2	9.9	7.5
Lewis	18,951	8.3	3.4	.0	.0	.0	17.5	8.8	4.8
Lincoln	23,786	4.7	1.6	.9	.0	.0	22.0	8.7	9.4
Logan	50,818	13.7	5.7	.8	.0	.0	27.2	14.5	11.1
McDowell	48,535	13.3	2.6	1.9	.5	.0	32.8	13.4	19.9
Marion	65,746	8.3	1.3	.9	.0	.0	17.0	12.6	4.6
Marshall	40,905	9.4	1.7	.6	.0	.0	13.0	8.9	3.4
Mason	26,754	5.7	1.3	.0	.0	.8	39.1	10.3	8.7
Mercer	74,268	11.3	2.7	2.1	.0	.5	20.5	19.0	10.7
Mineral	27,298	13.7	1.5	.0	.0	.0	27.0	11.4	1.6
Mingo	37,759	10.4	1.7	.7	1.2	.0	34.9	8.1	18.1
Monongalia	76,635	7.3	1.0	.4	.0	.0	14.1	9.1	3.7
Monroe	12,802	.8	.8	2.9	.0	.0	39.7	11.6	1.8
Morgan	11,111	3.1	1.9	.0	.0	.0	50.1	10.1	4.6
Nicholas	28,170	6.6	1.7	.9	.0	.0	34.2	11.5	7.5
Ohio	60,660	10.2	1.0	.0	.0	.0	13.9	12.5	5.1
Pendleton	7,909	11.2	2.2	.0	.0	.0	47.6	19.5	6.1
Pleasants	8,051	9.7	.0	.0	.0	.0	27.4	9.5	2.8
Pocahontas	9,840	6.6	1.5	5.4	.0	.0	27.8	22.7	2.5
Preston	30,639	10.2	3.8	.0	.0	.0	35.7	9.5	.6
Putnam	38,916	5.7	.9	.0	.0	.0	30.6	12.2	1.6
Raleigh	86,505	12.7	1.4	.6	.2	.7	22.3	13.3	9.4
Randolph	29,159	10.2	1.6	1.2	.0	.0	30.6	8.9	4.9
Ritchie	11,488	4.2	.0	.0	.0	.0	35.7	7.7	4.2

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Pierce	16.2	6.7	0.7	0.3	0.3	24.0	20.7	32.4	46	20	80	3
San Juan	7.7	.9	.0	.0	.0	8.6	17.9	26.9	27	35	10	38
Skagit	14.3	7.2	1.7	.4	1.0	23.0	24.7	36.3	63	15	77	7
Skamania	3.7	.0	2.4	.0	.0	6.1	21.0	29.3	40	28	4	39
Snohomish	12.6	4.4	.9	.1	.2	18.0	18.9	28.4	33	33	58	24
Spokane	15.3	6.7	.5	.4	.2	21.8	19.5	30.6	40	29	74	14
Stevens	7.6	2.6	2.2	.0	.0	10.9	24.6	36.1	62	16	20	36
Thurston	12.0	4.7	.4	.3	.1	17.0	15.8	23.9	16	38	53	28
Wahkiakum	6.9	8.9	6.7	.0	.0	22.5	20.3	31.1	43	26	75	9
Walla Walla	16.3	10.5	1.1	.0	1.1	28.4	21.1	31.5	45	23	88	2
Whatcom	7.1	5.9	2.8	.0	3.4	17.8	15.4	21.8	10	39	57	25
Whitman	9.7	2.4	1.1	.0	.0	11.8	16.2	24.3	18	37	25	35
Yakima	16.2	6.9	.4	.3	.7	23.6	26.2	39.1	70	11	79	6
West Virginia	13.8	4.9	2.9	.3	.4	21.8	22.3	33.3	-	-	-	-
Barbour	8.1	3.6	.7	.0	.0	11.7	21.3	29.3	41	33	24	52
Berkeley	15.1	1.6	.3	.0	.3	17.7	25.5	38.6	68	15	57	34
Boone	11.2	2.5	6.1	.0	.0	19.8	31.1	44.3	83	6	66	26
Braxton	7.9	1.1	1.8	1.5	.0	10.8	22.3	29.3	43	32	19	54
Brooke	11.9	2.3	1.3	.5	.8	16.4	15.8	22.4	12	51	50	35
Cabell	14.0	5.4	2.3	.5	.6	23.0	20.5	31.2	43	31	77	23
Calhoun	12.6	1.2	11.4	.0	.0	25.3	18.9	27.8	32	43	82	15
Clay	7.9	2.4	1.8	.0	.0	12.1	23.8	33.0	55	26	26	51
Doddridge	3.4	10.8	.0	.0	.0	14.2	9.1	12.9	0	55	38	45
Fayette	13.5	6.5	5.3	.4	.0	25.3	24.8	36.9	64	18	82	14
Gilmer	16.4	3.5	5.2	.0	3.2	23.0	18.5	30.3	37	35	77	22
Grant	9.0	6.1	.0	1.2	.0	15.1	29.6	42.3	79	9	43	42
Greenbrier	14.7	8.1	5.7	.4	1.0	29.5	23.9	36.2	61	22	89	3
Hampshire	19.3	5.1	.0	.0	.0	23.4	25.1	37.4	65	16	78	19
Hancock	8.5	2.2	3.6	.0	.0	14.4	15.8	23.2	14	49	39	44
Hardy	23.3	5.2	.0	.0	.0	26.3	26.2	41.6	74	11	84	10
Harrison	15.4	7.3	1.4	.0	.9	24.2	18.7	28.9	34	39	80	17
Jackson	6.6	2.6	4.2	.0	.6	13.4	19.3	27.1	31	44	33	48
Jefferson	14.4	6.7	.0	.0	.0	21.0	30.6	44.8	83	7	71	25
Kanawha	18.0	5.1	5.1	.4	.0	27.8	24.1	36.8	63	21	87	7
Lewis	11.0	5.6	.0	.0	.0	16.0	18.1	26.9	28	45	48	38
Lincoln	6.4	3.8	4.6	.0	.0	14.2	19.8	27.8	34	40	38	46
Logan	19.8	9.4	3.9	.3	.4	34.7	31.6	46.3	85	5	94	1
McDowell	17.8	5.0	6.2	.5	.0	29.2	36.3	52.8	93	1	89	5
Marion	14.4	5.6	.9	.2	.7	19.7	17.4	26.7	25	46	65	27
Marshall	13.5	3.1	1.4	.0	.8	18.6	15.0	23.6	13	50	61	31
Mason	10.5	1.9	3.1	.0	2.5	17.9	27.1	37.7	69	14	58	33
Mercer	16.5	7.6	3.3	.0	.6	26.6	27.4	40.8	74	10	85	9
Mineral	17.0	5.3	.8	.0	.0	23.2	21.5	34.0	52	28	78	20
Mingo	14.8	5.9	1.8	1.2	.0	24.1	32.6	46.5	86	4	80	18
Monongalia	11.1	3.7	.4	.4	.0	15.3	13.9	21.6	8	54	44	39
Monroe	4.0	3.5	7.7	.0	.0	15.1	23.9	31.0	51	29	43	41
Morgan	5.4	1.9	2.0	.0	.0	9.3	28.4	38.1	72	12	12	55
Nicholas	12.0	2.7	4.5	.0	.6	19.2	25.4	36.0	64	20	63	29
Ohio	14.8	2.2	1.5	.0	.4	18.5	16.0	26.0	21	47	60	32
Pendleton	19.2	8.3	.0	.0	2.8	30.3	33.5	49.1	89	2	90	2
Pleasants	13.1	2.8	2.2	.0	.0	15.2	18.7	29.0	34	38	44	40
Pocahontas	7.9	2.8	10.0	2.4	.0	23.0	27.0	37.9	69	13	77	21
Preston	15.7	9.0	.8	.4	.8	25.6	25.2	36.4	64	19	83	12
Putnam	7.0	2.0	4.4	.0	.0	13.9	19.3	28.1	33	41	36	47
Raleigh	17.8	6.5	4.3	.2	1.7	29.2	24.4	37.6	64	17	89	4
Randolph	17.4	5.9	2.1	.4	1.5	27.5	23.9	35.1	59	24	86	8
Ritchie	9.7	.9	2.2	.0	.0	12.8	20.2	28.4	36	36	30	49

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Roane	15,847	5.2	0.3	0.0	0.0	0.0	16.4	12.6	5.0
Summers	15,715	10.8	1.8	.0	.0	.0	29.0	17.2	1.6
Taylor	16,554	8.8	4.2	1.5	.0	.0	24.5	18.6	1.5
Tucker	8,619	4.3	3.8	2.7	.0	.0	28.3	5.5	6.2
Tyler	11,169	6.0	.7	.0	.0	.0	21.0	9.7	1.7
Upshur	24,112	7.3	.4	.8	.0	.0	29.6	9.0	4.3
Wayne	45,910	7.2	1.8	.5	.0	.0	22.5	8.8	6.9
Webster	12,061	6.1	7.6	.0	.0	.0	41.0	19.4	8.2
Wetzel	21,846	6.9	2.7	.6	.0	.0	28.8	8.7	5.0
Wirt	5,064	9.0	3.5	.0	.0	.0	13.3	8.6	9.1
Wood	93,147	6.3	.8	.0	.3	.0	20.5	10.0	3.6
Wyoming	35,835	13.5	1.9	.0	.0	.0	29.2	18.0	11.2
Wisconsin	4,734,193	7.8	2.2	.3	.1	.1	18.0	12.1	3.2
Adams	13,889	9.8	.0	.0	.0	.0	41.3	11.4	5.3
Ashland	16,918	12.5	3.1	.0	.0	.0	26.0	11.2	3.3
Barron	39,674	2.0	1.1	.6	.0	.0	22.8	14.8	4.7
Bayfield	14,059	14.6	2.2	3.5	.0	.0	23.6	9.5	.0
Brown	180,060	7.4	.6	.2	.0	.1	17.6	14.7	1.6
Buffalo	14,509	9.5	.0	.0	.0	.0	17.4	12.1	1.1
Burnett	12,865	3.2	1.8	.6	.0	.0	30.8	9.5	2.3
Calumet	32,478	5.7	.0	.0	.0	.0	16.8	10.0	.0
Chippewa	52,903	6.1	1.1	.0	.0	.0	19.0	10.7	1.6
Clark	33,121	3.0	1.0	.0	.0	.7	29.5	19.3	1.5
Columbia	43,781	7.3	.8	.7	.6	.0	23.9	13.0	5.8
Crawford	16,628	11.4	.7	.0	.0	.0	29.0	10.3	.0
Dane	331,338	7.4	2.5	.3	.3	.1	15.3	12.1	1.9
Dodge	75,170	4.7	.5	.5	.0	.0	29.6	7.8	.9
Door	25,525	6.8	2.2	1.1	.4	.0	30.6	12.5	1.5
Douglas	43,657	10.5	1.9	.0	.0	.0	16.3	14.6	6.4
Dunn	34,603	8.0	.4	.0	.0	.0	24.5	11.7	.4
Eau Claire	80,829	11.4	.6	.0	.2	.0	11.8	10.2	1.4
Florence	4,094	17.2	.0	.0	.0	.0	23.0	6.6	.0
Fond Du Lac	89,364	6.2	1.3	.3	.0	.0	19.5	10.4	1.5
Forest	9,141	8.7	1.7	5.0	.0	.0	47.0	11.2	10.0
Grant	51,729	4.6	.9	.0	.5	.0	17.6	11.2	1.2
Green	30,256	11.0	1.2	.0	.1	.0	22.4	12.0	.8
Green Lake	18,773	5.6	.5	.0	.0	.0	27.9	7.0	.0
Iowa	20,250	2.3	1.3	.0	.0	.0	40.1	15.8	3.5
Iron	6,456	12.9	4.0	4.2	.0	.0	15.7	12.5	10.3
Jackson	16,648	4.9	.0	.0	.0	.0	26.1	17.4	2.3
Jefferson	66,508	8.7	.8	.0	.0	.0	23.8	9.6	3.5
Juneau	21,105	4.6	1.1	.0	.0	.0	29.6	12.2	2.5
Kenosha	121,923	9.9	.8	.0	.3	.2	22.3	10.6	5.6
Kewaunee	19,777	3.6	.0	.0	.0	.0	17.5	10.5	.0
La Crosse	92,912	9.0	3.4	.5	.5	.3	12.7	14.0	2.1
Lafayette	17,361	5.4	.5	.0	.0	.0	17.0	10.1	3.8
Langlade	19,907	6.2	.0	.0	.0	.0	34.0	10.3	3.3
Lincoln	27,059	12.9	.0	.0	.0	.0	25.4	12.7	5.6
Manitowoc	82,935	4.9	.9	.6	.3	.0	18.1	11.2	1.6
Marathon	112,066	7.3	1.2	.4	.0	.2	19.2	11.2	2.3
Marinette	39,595	11.5	2.4	1.3	.0	.0	23.5	10.6	1.3
Marquette	12,083	6.2	.0	1.1	.0	.0	44.6	12.4	.0
Menominee	3,639	80.8	.0	.0	.0	.0	75.1	43.5	23.8
Milwaukee	952,900	10.4	6.1	.7	.2	.0	9.5	12.7	7.2
Monroe	35,640	9.2	1.0	.7	.4	.7	24.6	11.2	3.5
Oconto	29,281	8.3	.5	.8	.0	.0	20.3	10.4	2.2
Oneida	31,247	6.0	.9	.3	.0	.0	28.8	16.4	2.3

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Roane	11.2	0.3	4.7	0.0	0.0	16.1	14.2	21.8	9	53	49	36
Summers	15.1	4.1	4.2	.0	.0	26.0	22.6	34.8	56	25	84	11
Taylor	9.8	13.8	2.9	.7	2.5	28.2	24.1	34.9	59	23	88	6
Tucker	10.5	9.9	5.1	.0	2.7	25.5	24.1	31.6	53	27	83	13
Tyler	9.0	.7	.0	1.1	.0	10.9	14.7	22.2	10	52	19	53
Upshur	7.9	2.7	1.6	.0	.0	12.1	20.3	29.8	40	34	27	50
Wayne	9.9	4.0	2.2	.0	.0	16.1	19.6	28.7	35	37	48	37
Webster	6.5	9.1	3.9	.0	.0	19.5	35.1	47.6	89	3	65	28
Wetzel	11.6	10.8	1.0	.0	.0	21.1	22.3	31.5	48	30	71	24
Wirt	9.0	5.3	4.7	.0	.0	19.0	18.8	28.2	32	42	63	30
Wood	10.8	2.1	1.4	.5	.0	15.1	16.0	24.0	16	48	43	43
Wyoming	20.5	3.6	1.1	.5	.0	25.1	28.5	44.0	80	8	82	16
Wisconsin	11.7	5.9	1.5	.3	.7	19.3	17.5	26.2	-	-	-	-
Adams	12.9	.0	.0	.0	.0	12.9	26.1	38.8	69	6	31	54
Ashland	18.3	4.8	.0	.0	1.4	22.9	22.9	35.0	57	10	76	12
Barron	2.3	1.7	1.8	.0	.6	6.2	17.3	24.2	19	47	4	70
Bayfield	15.6	7.3	3.5	.0	1.8	26.4	23.4	35.5	59	9	85	6
Brown	10.6	2.7	.6	.1	.9	14.3	15.1	23.8	14	53	38	44
Buffalo	11.9	2.3	1.1	1.1	.0	16.4	14.1	23.4	11	57	50	32
Burnett	9.1	6.5	.6	.0	.0	16.2	19.7	26.8	31	33	49	34
Calumet	9.5	.6	.6	.4	.0	10.4	11.4	18.0	2	71	17	62
Chippewa	12.8	3.2	.0	.3	.0	16.5	14.4	21.9	9	61	50	31
Clark	4.5	2.7	.0	.0	.7	6.2	19.9	28.4	35	30	4	71
Columbia	9.2	3.7	1.6	.6	.0	14.3	20.4	30.1	41	21	38	43
Crawford	17.5	2.4	1.4	.0	.0	21.3	19.6	30.7	40	23	72	17
Dane	11.1	5.3	.6	.4	.2	16.9	16.0	24.1	16	50	53	29
Dodge	8.5	1.2	.9	.0	.6	11.2	17.3	24.6	20	45	21	59
Door	7.7	5.0	1.1	.4	.8	13.5	22.4	31.8	49	15	34	53
Douglas	16.0	6.5	.7	.0	2.0	23.9	19.0	30.0	37	28	79	10
Dunn	9.1	1.2	.6	.0	4.4	14.7	16.5	25.6	21	44	41	40
Eau Claire	16.1	4.2	.0	.5	2.5	21.7	13.1	22.5	8	62	73	15
Florence	21.6	.0	.0	.0	.0	21.6	18.0	31.0	37	29	73	16
Fond Du Lac	9.7	3.8	1.0	.2	.6	14.1	15.2	22.7	12	54	37	48
Forest	14.0	1.7	9.8	.0	.0	25.5	36.9	50.4	92	2	83	8
Grant	5.9	1.2	.8	.5	.8	9.2	13.5	20.0	6	67	11	66
Green	15.4	4.5	.7	.1	2.0	21.8	18.0	28.6	31	32	74	14
Green Lake	8.5	4.9	.0	.8	2.6	16.0	15.9	23.2	14	52	48	36
Iowa	4.2	4.4	1.8	.0	.8	11.2	23.9	32.8	55	11	21	60
Iron	14.0	6.2	20.9	1.8	.0	42.9	27.4	40.0	73	4	97	2
Jackson	6.4	3.1	.0	.0	.0	9.5	17.5	26.4	25	41	13	64
Jefferson	13.0	4.3	1.6	.0	2.2	20.6	18.0	27.5	28	37	69	20
Juneau	8.7	6.9	.7	.0	1.3	17.5	19.0	27.2	30	35	56	25
Kenosha	14.7	2.4	.5	.4	.5	17.5	19.4	29.9	38	27	56	26
Kewaunee	7.1	.6	.8	.0	.8	7.9	11.0	16.6	1	72	8	68
La Crosse	13.0	10.6	2.5	.5	1.7	26.1	17.6	26.5	25	39	84	7
Lafayette	6.8	6.1	.0	.0	.0	11.2	13.6	20.7	6	66	22	58
Langlade	8.7	4.2	1.2	.0	.0	14.1	20.4	29.9	40	22	37	47
Lincoln	17.0	3.4	.0	.0	.0	19.5	21.2	34.1	52	12	64	23
Manitowoc	7.9	3.7	1.1	.7	2.1	14.0	14.4	21.2	8	64	36	49
Marathon	9.5	2.9	.5	.0	.5	12.7	16.2	24.6	18	48	30	55
Marinette	14.4	5.3	1.9	.0	.0	22.0	21.0	31.8	46	17	74	13
Marquette	11.6	1.1	3.3	.0	.0	16.0	24.8	35.1	61	8	48	35
Menominee	88.4	18.1	10.8	.0	.0	108.6	84.6	147.9	99	1	99	1
Milwaukee	16.1	13.0	4.4	.4	.8	33.5	21.2	31.3	45	18	93	3
Monroe	11.7	5.6	2.4	.4	1.4	20.8	20.9	31.0	44	19	70	19
Oconto	11.4	1.7	1.6	.0	.0	14.2	16.4	25.3	20	46	38	45
Oneida	10.1	3.6	1.8	.0	1.0	16.2	20.1	29.6	39	25	49	33

See footnotes at end of table.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Population	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Underlying Cause of Death							
		Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Motor Vehicle Accid.	Sui-cide	Homi-cide
Outagamie.........	131,307	6.8	0.6	0.0	0.1	0.0	18.9	12.7	1.6
Ozaukee...........	67,203	7.3	.8	.0	.3	.0	19.4	10.3	2.4
Pepin.............	7,437	3.0	6.8	.0	.0	.0	35.8	16.5	.0
Pierce............	32,339	3.2	3.7	.0	.5	.0	16.7	6.4	.0
Polk..............	33,144	5.3	.3	.7	.0	.0	22.5	15.8	5.0
Portage...........	57,364	7.4	1.5	.0	.0	.0	19.6	7.1	.9
Price.............	16,256	10.9	3.3	.0	.0	.0	25.7	12.8	.0
Racine............	171,874	8.7	1.2	.2	.1	.4	16.2	13.0	5.0
Richland..........	17,288	1.6	.9	.0	.0	.0	21.5	15.0	3.5
Rock..............	138,869	6.7	.7	.6	.0	.0	22.8	11.9	1.9
Rusk..............	15,631	4.8	.9	.0	.0	.0	17.6	13.0	4.6
St. Croix.........	44,277	2.6	2.1	.0	.0	.0	20.3	10.9	.0
Sauk..............	44,379	6.4	1.0	.0	.4	.5	25.4	11.7	2.7
Sawyer............	13,466	11.9	3.1	.0	.0	.0	37.4	18.4	4.6
Shawano...........	36,030	8.0	.7	.0	.3	.0	32.5	16.6	1.4
Sheboygan.........	101,922	7.1	.5	.4	.1	.0	18.7	11.7	1.1
Taylor............	19,017	3.5	5.9	.0	.0	.0	22.3	14.5	4.5
Trempealeau.......	26,222	5.6	2.8	.0	.0	.0	25.7	12.4	.9
Vernon............	26,222	4.3	.5	.0	.0	.0	24.1	11.7	3.8
Vilas.............	17,009	17.9	4.2	.0	.0	.0	27.0	13.7	.7
Walworth..........	71,284	5.6	1.1	.0	.0	.3	27.1	16.8	1.1
Washburn..........	13,423	8.2	2.9	.0	.0	.0	27.0	11.8	.0
Washington........	86,097	7.0	1.7	.0	.0	.2	23.0	13.2	.9
Waukesha..........	280,884	5.6	.9	.1	.1	.1	17.1	12.1	2.0
Waupaca...........	43,487	8.7	.2	.4	.4	.0	35.8	8.0	2.2
Waushara..........	18,872	6.8	.9	.0	.0	.0	31.2	13.6	1.2
Winnebago.........	133,212	6.5	1.7	.4	.2	.0	15.2	11.4	1.1
Wood..............	75,025	4.0	.3	.0	.2	.0	19.8	9.7	1.0
Wyoming............	493,040	9.2	2.6	.5	.3	.2	33.6	19.6	5.3
Albany............	29,531	8.0	.3	1.1	.6	.0	18.4	18.2	1.7
Big Horn..........	12,325	7.9	.0	1.0	.0	.0	45.1	16.0	7.7
Campbell..........	30,605	5.7	.0	.0	.0	.0	36.7	18.4	6.3
Carbon............	21,081	11.9	5.5	3.7	.0	.0	49.2	26.7	10.7
Converse..........	14,168	7.5	.0	.0	.0	.0	34.3	21.0	2.4
Crook.............	5,696	.0	4.2	.0	.0	.0	32.6	14.9	2.7
Fremont...........	38,070	12.7	5.7	1.1	.0	.0	51.3	31.4	6.2
Goshen............	12,278	9.1	.0	.0	.0	.0	34.3	17.8	3.3
Hot Springs.......	5,872	6.8	4.9	.0	.0	4.3	42.7	31.6	3.2
Johnson...........	6,894	13.0	.0	.0	.0	.0	41.0	14.4	2.6
Laramie...........	71,630	12.7	2.2	.3	.8	.4	20.4	17.3	4.9
Lincoln...........	13,745	6.3	1.7	.0	1.4	.0	35.3	8.0	4.3
Natrona...........	72,996	11.9	5.5	.2	.3	.0	33.2	20.0	4.9
Niobrara..........	3,158	4.9	.0	.0	.0	.0	34.9	32.9	.0
Park..............	23,202	2.2	.0	.9	.0	.0	39.9	16.9	5.1
Platte............	10,512	10.1	1.4	.0	.0	.0	30.9	18.8	8.1
Sheridan..........	26,063	11.6	1.2	.0	.0	.0	28.5	15.6	2.2
Sublette..........	5,059	.0	.0	.0	3.4	.0	49.0	31.2	.0
Sweetwater........	43,493	6.4	2.2	.0	.0	.0	34.2	21.6	9.9
Teton.............	10,305	5.5	.0	.0	.0	.0	32.4	14.5	2.9
Uinta.............	18,901	6.8	4.6	.8	.0	.0	43.0	20.2	5.7
Washakie..........	9,798	8.4	4.8	.0	.0	2.0	37.9	15.2	.0
Weston............	7,659	2.4	.0	.0	.0	.0	55.8	23.2	8.3
United States Total.	232,264,177	10.8	2.0	.3	.2	.2	20.4	11.5	9.1

- Not applicable.
... County was not ranked because there were no alcohol-related deaths based on the column definition.

Table A-2. Average Age Adjusted Mortality from Selected Alcohol-Related Causes Coded as Underlying or Contributing, by State and County for All Ages, 1979, 1980, 1983-1985
-Continued

State and County	Average Alcohol-Related Mortality Rate Per 100,000 Population According to Multiple Cause of Death						Estimated Alcohol Involvement in Mortality				Ranking Based on Any Mention of Alcohol	
	Cirrhosis	Alc. Dep. Syndr.	Non-Dep. Abuse	Alc. Psych.	Alc. Pois.	Any Alcohol	Range of Rates		Rank in U.S. (Percentile)	Rank in State	Rank in U.S. (Percentile)	Rank in State
							Minimum	Maximum				
Outagamie.........	10.3	3.9	0.3	0.1	1.4	15.4	14.7	22.9	11	56	45	37
Ozaukee...........	9.4	3.1	.0	.5	.0	12.3	15.4	23.7	14	51	28	56
Pepin.............	3.4	6.8	.0	.0	.0	10.2	26.4	34.8	63	7	16	63
Pierce............	5.8	5.9	1.1	.5	.0	11.9	13.8	18.4	4	69	25	57
Polk..............	7.4	2.8	1.3	.0	2.0	13.6	18.2	27.0	28	38	34	52
Portage...........	10.2	2.4	.6	.0	.0	13.8	14.6	22.1	10	59	35	50
Price.............	13.4	7.5	.0	.0	.0	20.9	21.2	32.1	47	16	70	18
Racine............	13.8	5.0	1.3	.3	.5	20.1	17.3	26.8	25	40	67	21
Richland..........	2.2	2.1	.0	.0	1.4	5.7	15.2	21.5	10	60	3	72
Rock..............	10.6	1.9	1.0	.2	.8	14.4	16.9	25.4	21	43	39	42
Rusk..............	4.8	1.6	.5	.0	.0	6.9	15.1	22.6	12	55	5	69
St. Croix.........	5.4	6.8	.4	.1	1.8	14.4	13.8	19.3	5	68	39	41
Sauk..............	8.7	5.3	.5	.4	.5	15.3	18.8	27.5	31	34	44	38
Sawyer............	19.2	10.0	1.6	.0	2.0	32.0	29.6	44.1	81	3	92	5
Shawano...........	12.2	4.0	.0	.6	.7	17.1	21.9	32.8	50	14	54	28
Sheboygan.........	12.1	3.3	1.2	.2	.2	16.6	14.6	22.7	11	58	51	30
Taylor............	7.9	12.1	3.1	.0	.0	23.1	21.7	29.3	42	20	77	11
Trempealeau.......	10.3	10.9	2.3	.0	5.1	24.8	18.8	26.9	29	36	81	9
Vernon............	5.8	2.8	.5	.0	.5	9.2	16.5	24.2	18	49	11	65
Vilas.............	21.6	14.7	.0	.0	.0	32.9	25.9	41.0	73	5	92	4
Walworth..........	8.8	4.9	.0	.0	.3	13.6	18.9	28.0	32	31	34	51
Washburn..........	14.4	3.6	.0	2.0	3.9	19.9	20.0	29.4	38	26	66	22
Washington........	12.1	3.0	.5	.0	.2	14.7	17.4	26.1	24	42	41	39
Waukesha..........	8.3	2.5	.5	.3	.3	11.2	14.1	21.4	8	65	21	61
Waupaca...........	14.6	3.6	.6	.5	.0	18.7	22.2	32.6	50	13	61	24
Waushara..........	9.9	3.5	.7	.0	.0	14.1	20.1	29.7	39	24	37	46
Winnebago.........	10.1	6.6	.7	.4	.1	17.4	14.2	21.5	8	63	56	27
Wood..............	6.0	2.2	.2	.3	.0	8.7	12.9	19.1	4	70	10	67
Wyoming............	13.5	5.9	1.6	.5	2.2	22.4	27.9	40.8	-	-	-	-
Albany............	12.6	1.6	2.9	.6	1.7	17.7	17.4	27.2	27	23	57	11
Big Horn..........	10.5	1.0	1.0	.0	.0	12.4	30.0	43.2	81	7	28	19
Campbell..........	11.6	1.4	.0	.0	.7	13.7	24.4	35.7	62	13	35	16
Carbon............	17.6	10.5	5.7	.0	2.1	34.9	45.2	63.3	97	1	94	2
Converse..........	10.0	.0	2.9	.0	3.4	14.8	22.8	34.6	56	19	42	14
Crook.............	.0	8.2	4.2	.0	.0	12.5	22.2	28.8	42	21	29	18
Fremont...........	16.6	12.8	2.7	1.5	4.9	35.9	42.7	61.6	97	2	95	1
Goshen............	10.0	2.7	1.8	.0	.0	14.6	23.2	35.5	59	15	40	15
Hot Springs.......	10.8	13.1	3.9	.0	4.3	32.2	37.8	52.1	93	3	92	3
Johnson...........	18.7	5.1	.0	.0	.0	23.8	26.7	41.1	74	11	79	8
Laramie...........	17.7	6.6	1.0	.8	1.6	25.6	23.2	36.1	60	14	83	6
Lincoln...........	17.0	5.4	1.3	2.8	.0	25.1	24.1	33.5	57	18	82	7
Natrona...........	16.8	8.6	.8	.3	7.1	31.7	31.1	45.4	84	6	91	4
Niobrara..........	4.9	.0	.0	.0	.0	12.8	23.2	35.3	58	16	30	17
Park..............	4.7	1.6	1.7	.0	1.1	9.2	24.4	33.7	57	17	11	23
Platte............	14.1	7.6	1.5	.0	.0	23.2	26.1	39.5	71	12	78	9
Sheridan..........	15.0	3.2	1.8	.0	.0	18.9	22.0	34.4	54	20	62	10
Sublette..........	4.0	.0	4.0	3.4	.0	11.5	30.2	40.9	78	8	23	21
Sweetwater........	10.3	5.6	.3	.0	.0	14.9	28.2	40.7	75	10	42	13
Teton.............	12.4	.0	.0	.0	.0	12.4	20.1	29.6	39	22	28	20
Uinta.............	13.6	9.9	3.6	.0	1.9	27.0	32.9	45.8	86	4	85	5
Washakie..........	10.0	6.9	.0	.0	2.0	16.8	29.3	40.6	76	9	52	12
Weston............	7.4	.0	.0	1.9	.0	9.3	32.9	45.7	86	5	12	22
United States Total.	15.8	4.9	1.1	.3	.9	22.3	22.3	33.9	-	-	-	-

- Not applicable.
... County was not ranked because there were no alcohol-related deaths based on the column definition.

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